news outdoor 2027

Redo GROUP

www.redogroup.com



news outdoor 2027

Redo Group presents a selection of outdoor lighting fixtures, designed to transform gardens, terraces, and architectural spaces into evocative and highly functional environments. Made with carefully selected and durable materials, these fixtures are designed to withstand the most extreme weather conditions, including salt-spray resistant models.
The 2027 News ensure quality lighting, high energy savings, and exceptional durability over time.

Redo Group prezintă o selecție de corpuri de iluminat exterior, concepute pentru a transforma grădinile, terasele și spațiile arhitecturale în medii sugestive și înalt funcționale.
Realizate din materiale atent selectate și durabile, aceste corpuri de iluminat sunt proiectate pentru a rezista la cele mai extreme condiții atmosferice, oferind și modele rezistente la mediul marin (salinitate).
Noutățile 2027 asigură un iluminat de calitate, o economie mare de energie și o durabilitate excepțională în timp.

Redo Group presenta una selezione di apparecchii per l'illuminazione da esterno, pensati per trasformare giardini, terrazze e spazi architettonici in ambienti suggestivi e altamente funzionali.
Realizzati con materiali accuratamente selezionati e durevoli, apparecchi progettati per resistere agli agenti atmosferici più estremi con modelli resistenti alla salsedine.
Le News 2027 assicurano un'illuminazione di qualità, un elevato risparmio energetico e una durata eccezionale nel tempo.

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NEW!

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Devon



Devon

Outdoor bollards equipped with SMD LEDs, possibility of changing the color temperature 2700K or 3000K.
Concrete structure finished in ivory, dark grey or terracotta, LED heatsink in 5083 marine grade aluminium, AISI 316 stainless steel components and screws, satin glass diffuser.



Stâlpișori pentru exterior echipați cu LED-uri SMD, posibilitate de schimbare a temperaturii de culoare 2700K sau 3000K.
Structură din beton culoare ivoar, gri închis sau teracotă, radiator pentru LED din aluminiu 5083 rezistent la sare, componente și șuruburi din inox AISI 316, dispersor din sticlă satinată.

Paletti per esterni equipaggiati di LED SMD, con possibilità di cambiare la temperatura colore a 2700K o 3000K. Struttura in cemento avorio, grigio scuro o terracotta, radiatore LED in alluminio 5083 per uso marino, componenti e viteria in acciaio inox AISI 316, diffusore in vetro satinato.

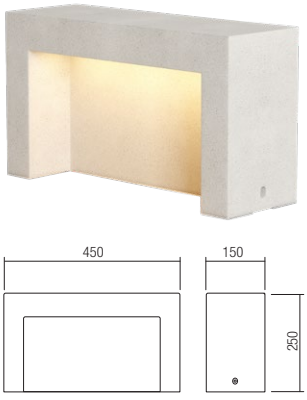
Столбики для наружного освещения, оснащенные светодиодами SMD, с возможностью изменения цветовой температуры до 2700K или 3000K. Бетонный корпус цвета слоновой кости, темно-серого или терракотового цвета, радиатор для светодиода из солестойкого алюминия 5083, компоненты и винты из нержавеющей стали AISI 316, рассеиватель из сатинированного стекла.

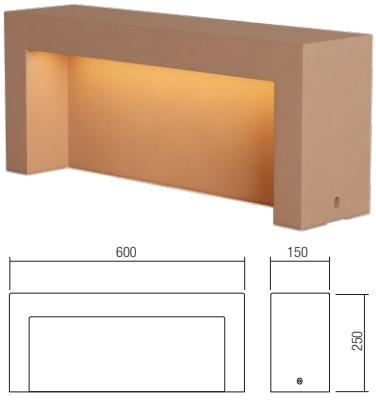
Kültéri, SMD LED-es kis oszlopok, 2700K vagy 3000K színhőmérséklet-váltási lehetőséggel.
Elefántcsont, sötétszürke vagy terrakotta színű beton szerkezet, LED-hez való, sóálló 5083 alumínium radiátor, AISI 316 rozsdamentes acél alkatrészek és csavarok, a diszperzór szatén üvegből készült.

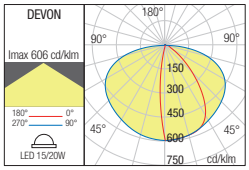
Боларди за екстериор, оборудвани с LED-ове SMD, с възможност за промяна на цветната температура на светлината 2700K или 3000K.
Конструкция от бетон в цвят слонова кост, тъмно сив или теракота, LED радиатор от алуминий 5083, устойчив на сол, компоненти и винтове от неръждаема стомана AISI 316, тъклен дифузер със сатенирано покритие.

Exteriérové stĺpikové svietidlá vybavené SMD LED diódami, možnosť zmeny teploty farby 2700K alebo 3000K. Betónová konštrukcia s povrchovou úpravou slonovinová, tmavosivá alebo terakotová, LED chladič z hliníka námornej triedy 5083, komponenty a skrutky z nehrdzavejúcej ocele AISI 316, difúzor zo saténového skla.

IP65 IK05 front sea suitable RoHS compliant







BOLLARD • STÂLPIȘOR

Code	Finishing	CCT	Control
91277 **91278** **91279**	Ivory Dark Grey Terracotta	CCT 2700K-3000K	On/Off

LED type	SMD LED 2835, 16+16 pcs
Input voltage	220-240V, 50/60Hz
Power	15W
LED flux/System flux	2700K: 1632 lm/740 lm 3000K: 1700 lm/771 lm
Optic	175°
CRI	≥90

BOLLARD • STÂLPIȘOR

Code	Finishing	CCT	Control
91280 **91281** **91282**	Ivory Dark Grey Terracotta	CCT 2700K-3000K	On/Off

LED type	SMD LED 2835, 24+24 pcs
Input voltage	220-240V, 50/60Hz
Power	20W
LED flux/System flux	2700K: 2345 lm/982 lm 3000K: 2431 lm/1010 lm
Optic	175°
CRI	≥90



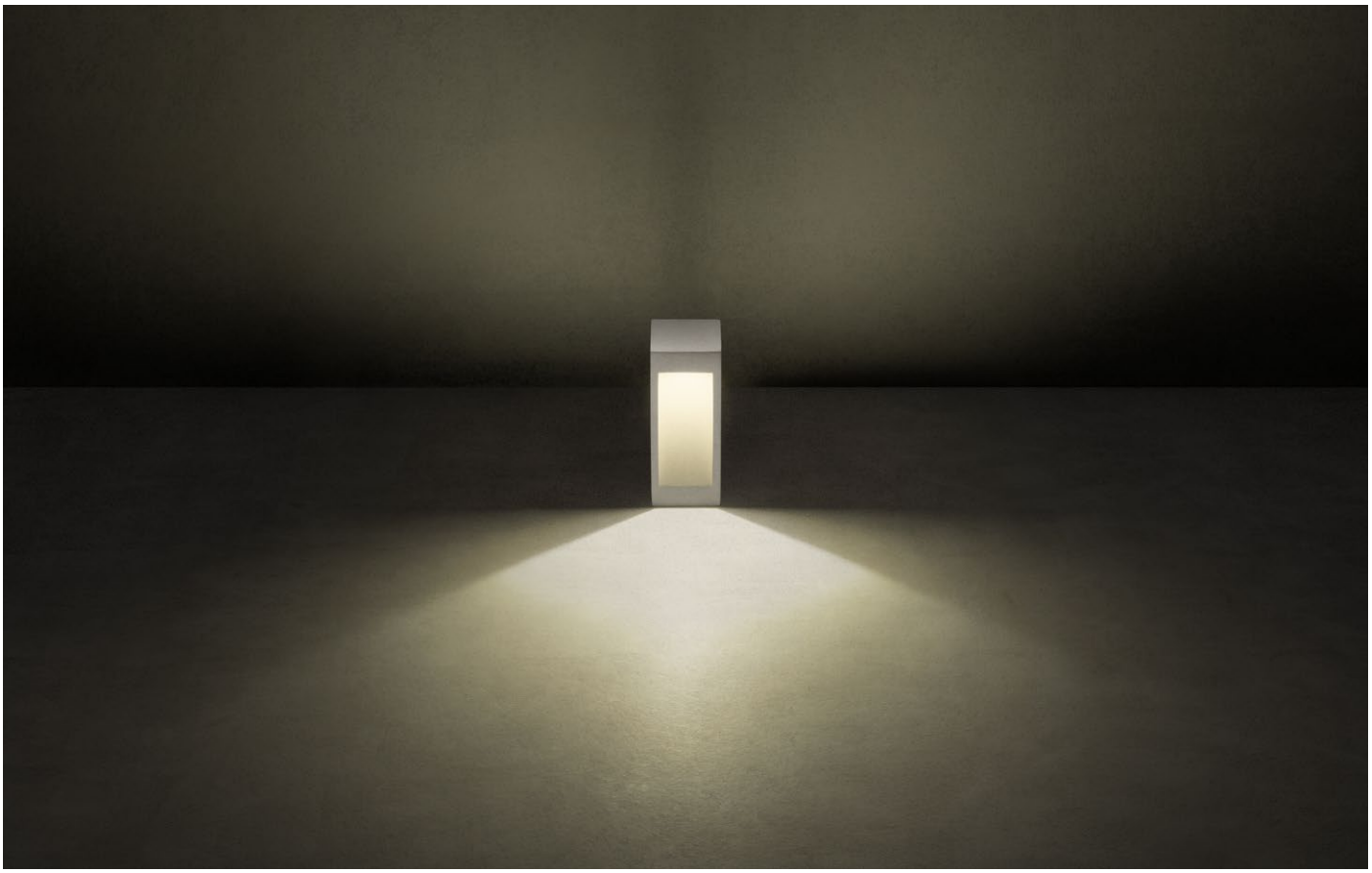


Toss

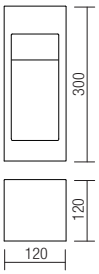


Toss

Outdoor bollards equipped with SMD LEDs, possibility of changing the color temperature 2700K or 3000K.
Ivory, dark grey or terracotta concrete structure, LED heatsink in 5083 marine grade aluminium, AISI 316 stainless steel components and screws, satin glass diffuser.



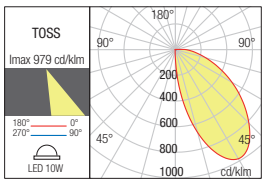




BOLLARD • STÂLPIȘOR

Code	*Finishing*	*CCT*	*Control*
91139 **91140** **91141**	Ivory Dark Grey Terracotta	2700K-3000K	On/Off

LED type	SMD LED 2835, 12 pcs x 0,83W, 2700K + 12 pcs x 0.83W, 3000K
Input voltage	220-240V, 50/60Hz
Power	10W
CCT	CCT 2700K-3000K
LED flux/System flux	2700K: 1193 lm/372 lm 3000K: 1257 lm/384 lm
Optic	50° x 85°
CRI	≥80



Stâlpișori pentru exterior echipați cu LED-uri SMD, posibilitate de schimbare a temperaturii de culoare 2700K sau 3000K.
Structură din beton culoare ivoar, gri închis sau teracotă, radiator pentru LED din aluminiu 5083 rezistent la sare, componente și șuruburi din inox AISI 316, dispersor din sticlă satinată.

Paletti da esterno dotati di LED SMD, con possibilità di cambiare la temperatura colore a 2700K o 3000K.
Struttura in cemento avorio, grigio scuro o terracotta, radiatore LED in alluminio 5083 per uso marino, componenti e viteria in acciaio inox AISI 316, diffusore in vetro satinato.

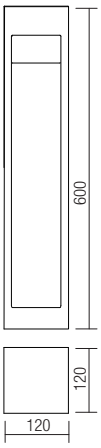
Столбики для наружного освещения, оснащенные светодиодами SMD, с возможностью изменения цветовой температуры до 2700K или 3000K.
Корпус из бетона цвета слоновой кости, темно-серого цвета или терракоты, радиатор охлаждения светодиодов из морского алюминия марки 5083, детали и винты из нержавеющей стали AISI 316, рассеиватель из сатинированного стекла.

Kültéri, SMD LED-es kis oszlopok, 2700K vagy 3000K színhőmérséklet-váltási lehetőséggel.
Elefántcsont, sötétszürke vagy terrakotta színű beton szerkezet, LED-hez való, sóálló 5083 alumínium radiátor, AISI 316 rozsdamentes acél alkatrészek és csavarok, a diszperzór szatén üvegből készült.

Боларди за екстериор, оборудвани с LED-ове SMD, с възможност за промяна на цветната температура на светлината 2700K или 3000K.
Конструкция от бетон в цвят слонова кост, тъмно сив или теракота, LED радиатор от алуминий 5083, устойчив на сол, компоненти и винтове от неръждаема стомана AISI 316, тъклен дифузер със сатенирано покритие.

Vonkajšie stĺpikové svietidlá vybavené SMD LED diódami, možnosť zmeny teploty farby 2700K alebo 3000K.
Konštrukcia v slonovinovej, tmavošedej alebo terakotovej betónovej farbe, LED chladič z hliníka triedy 5083, komponenty a skrutky z nehrdzavejúcej ocele AISI 316, difúzor zo saténového skla.

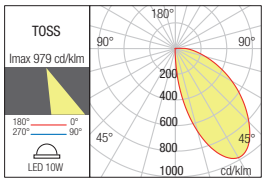




BOLLARD • STÂLPIȘOR

Code	*Finishing*	*CCT*	*Control*
91142 **91143** **91144**	Ivory Dark Grey Terracotta	2700K-3000K	On/Off

LED type	SMD LED 2835, 12 pcs x 0,83W, 2700K + 12 pcs x 0.83W, 3000K
Input voltage	220-240V, 50/60Hz
Power	10W
CCT	CCT 2700K-3000K
LED flux/System flux	2700K: 1193 lm/372 lm 3000K: 1257 lm/384 lm
Optic	50° x 85°
CRI	≥80







Sander



Sander



Outdoor bollards equipped with SMD LEDs, possibility of changing the color temperature 2700K or 3000K.
Ivory, dark grey or terracotta concrete structure, LED heatsink in 5083 marine grade aluminium, AISI 316 stainless steel components and screws, satin glass diffuser.





Stâlpișori pentru exterior echipați cu LED-uri SMD, posibilitate de schimbare a temperaturii de culoare 2700K sau 3000K.
Structură din beton culoare ivoar, gri închis sau teracotă, radiator pentru LED din aluminiu 5083 rezistent la sare, componente și șuruburi din inox AISI 316, dispersor din sticlă satinată.

Paletti da esterno dotati di LED SMD, con possibilità di cambiare la temperatura colore a 2700K o 3000K.
Struttura in cemento avorio, grigio scuro o terracotta, radiatore LED in alluminio 5083 per uso marino, componenti e viteria in acciaio inox AISI 316, diffusore in vetro satinato.

Столбики для наружного освещения, оснащенные светодиодами SMD, с возможностью изменения цветовой температуры до 2700K или 3000K.
Корпус из бетона цвета слоновой кости, темно-серого цвета или терракоты, радиатор охлаждения светодиодов из морского алюминия марки 5083, детали и винты из нержавеющей стали AISI 316, рассеиватель из сатинированного стекла.

Kültéri, SMD LED-es kis oszlopok, 2700K vagy 3000K színhőmérséklet-váltási lehetőséggel.
Elefántcsont, sötétszürke vagy terrakotta színű beton szerkezet, LED-hez való, sóálló 5083 alumínium radiátor, AISI 316 rozsdamentes acél alkatrészek és csavarok, a diszperzór szatén üvegből készült.

Боларди за екстериор, оборудвани с LED-ове SMD, с възможност за промяна на цветната температура на светлината 2700K или 3000K.
Конструкция от бетон в цвят слонова кост, тъмно сив или теракота, LED радиатор от алуминий 5083, устойчив на сол, компоненти и винтове от неръждаема стомана AISI 316, стъклен дифузер със сатенирано покритие.

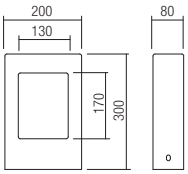
Vonkajšie stĺpikové svietidlá vybavené SMD LED diódami, možnosť zmeny teploty farby 2700K alebo 3000K.
Konštrukcia v slonovinovej, tmavošedej alebo terakotovej betónovej farbe, LED chladič z hliníka triedy 5083, komponenty a skrutky z nehrdzavejúcej ocele AISI 316, difúzor zo saténového skla.



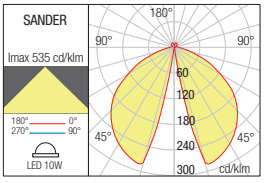
BOLLARD • STÂLPIȘOR · H300

Code	Finishing	CCT	Control
91157 **91158** **91159**	Ivory Dark Grey Terracotta	2700K-3000K	On/Off

LED type	SMD LED 2835, 12 pcs x 0,83W, 2700K + 12 pcs x 0.83W, 3000K
Input voltage	220-240V, 50/60Hz
Power	10W
LED flux/System flux	2700K: 1193 lm/628 lm 3000K: 1257 lm/657 lm
Optic	80° x 60°
CRI	≥80



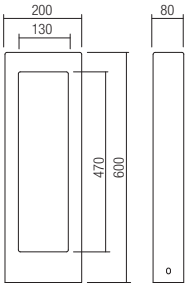




BOLLARD • STÂLPIȘOR · H600

Code	Finishing	CCT	Control
91163 **91164** **91165**	Ivory Dark Grey Terracotta	2700K-3000K	On/Off

LED type	SMD LED 2835, 12 pcs x 0,83W, 2700K + 12 pcs x 0.83W, 3000K
Input voltage	220-240V, 50/60Hz
Power	10W
LED flux/System flux	2700K: 1193 lm/628 lm 3000K: 1257 lm/657 lm
Optic	80° x 60°
CRI	≥80





Bibo



Bibo

Light fixtures for exterior equipped with SMD LEDs. Concrete structure finished in ivory, dark grey or terracotta, marine grade aluminum 5083 radiator, AISI 316 stainless steel components and screws painted matt black, satin glass diffuser.
Supplied with spike.

Corpuri de iluminat pentru exterior dotate cu LED-uri SMD.
Structură din beton culoare ivoar, gri închis sau cu finisaj teracotă, radiator din aluminiu rezistent la sare 5083, componente și șuruburi din inox AISI 316 vopsite negru mat, dispersor din sticlă satinată.
Se livrează cu pichet.

Apparecchi da esterno dotati di LED SMD.
Struttura in cemento avorio, grigio scuro o terracotta, radiatore in alluminio 5083 per uso marino, componenti e viti in acciaio inox AISI 316 verniciati nero opaco, diffusore in vetro satinato.
Forniti con picchetto.

Светильники для наружного освещения, оснащенные светодиодами SMD.
Бетонный корпус цвета слоновой кости, темно-серого цвета или с отделкой под терракотовый цвет, радиатор из солестойкого алюминия 5083, компоненты и винты из нержавеющей стали AISI 316, окрашенные в матово-черный цвет, рассеиватель из сатинированного стекла.
Поставляется с пикой.

Kültéri, SMD LED-es lámpatestek.
Elefántcsont, sötétszürke vagy terrakotta színű beton szerkezet, sóálló 5083 alumínium radiátor, matt fekete színre festett AISI 316 rozsdamentes acél alkatrészek és csavarok, szatén üveg diszperzór.
Rögzítőcövekkel szállítva.

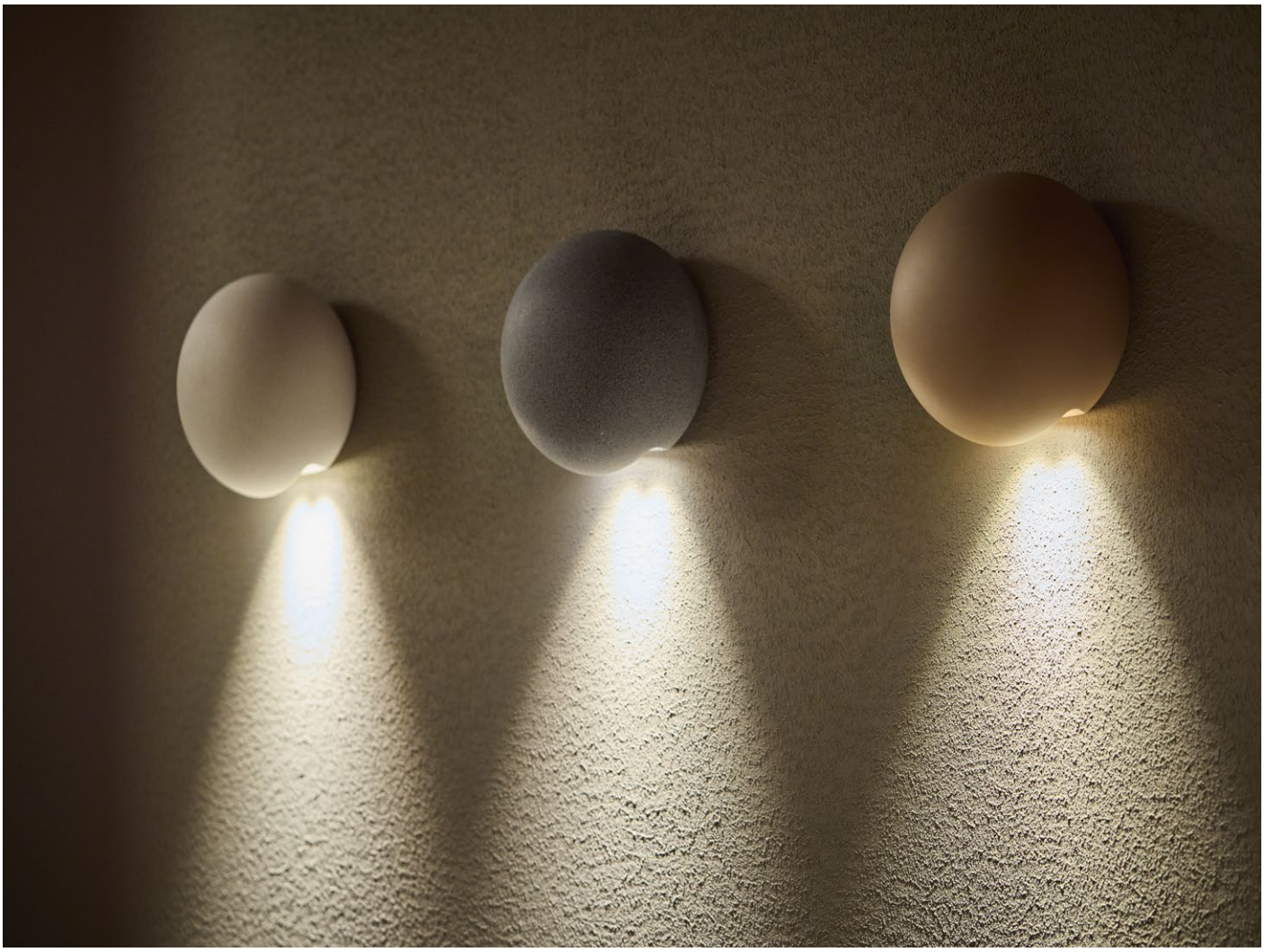
Осветителни тела за екстериор, оборудвани с LED-ове SMD.
Конструкция от бетон в цвят слонова кост, тъмно сив или с теракотено покритие, радиатор от алуминий, устойчив на сол 5083, компоненти и винтове от неръждаема стомана AISI 316, боядисани в матово черно, дифузер от сатенирано стъкло.
Доставя се с колче.

Exteriérové svietidlá vybavené SMD LED diódami. Betónová konštrukcia s povrchovou úpravou v slonovinovej, tmavosivej alebo terakotovej farbe, chladič z hliníka 5083 námornej kvality, komponenty a skrutky z nehrdzavejúcej ocele AISI 316 natreté matnou čiernou farbou, difúzor z saténovo bieleho skla.
Dodávané s hrotom.

IP65 24V DC 220-240V AC IK05 IK06 front sea suitable RoHS compliant

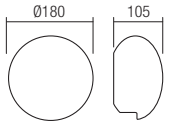






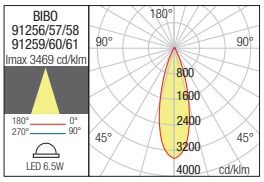
WALL LAMP • APLICĂ IP65 220-240V AC IK06

front sea suitable



Code	Finishing	CCT	Control
91256 **91257** **91258**	Ivory Dark Grey Terracotta	2700K	On/Off
91259 **91260** **91261**	Ivory Dark Grey Terracotta	3000K	On/Off

LED type	SMD LED 5050, 2 pcs x 3W
Input voltage	220-240V, 50/60Hz
Power	6,5W
LED flux/System flux	2700K: 707 lm/418 lm 3000K: 742 lm/449 lm
Optic	30°
CRI	≥90



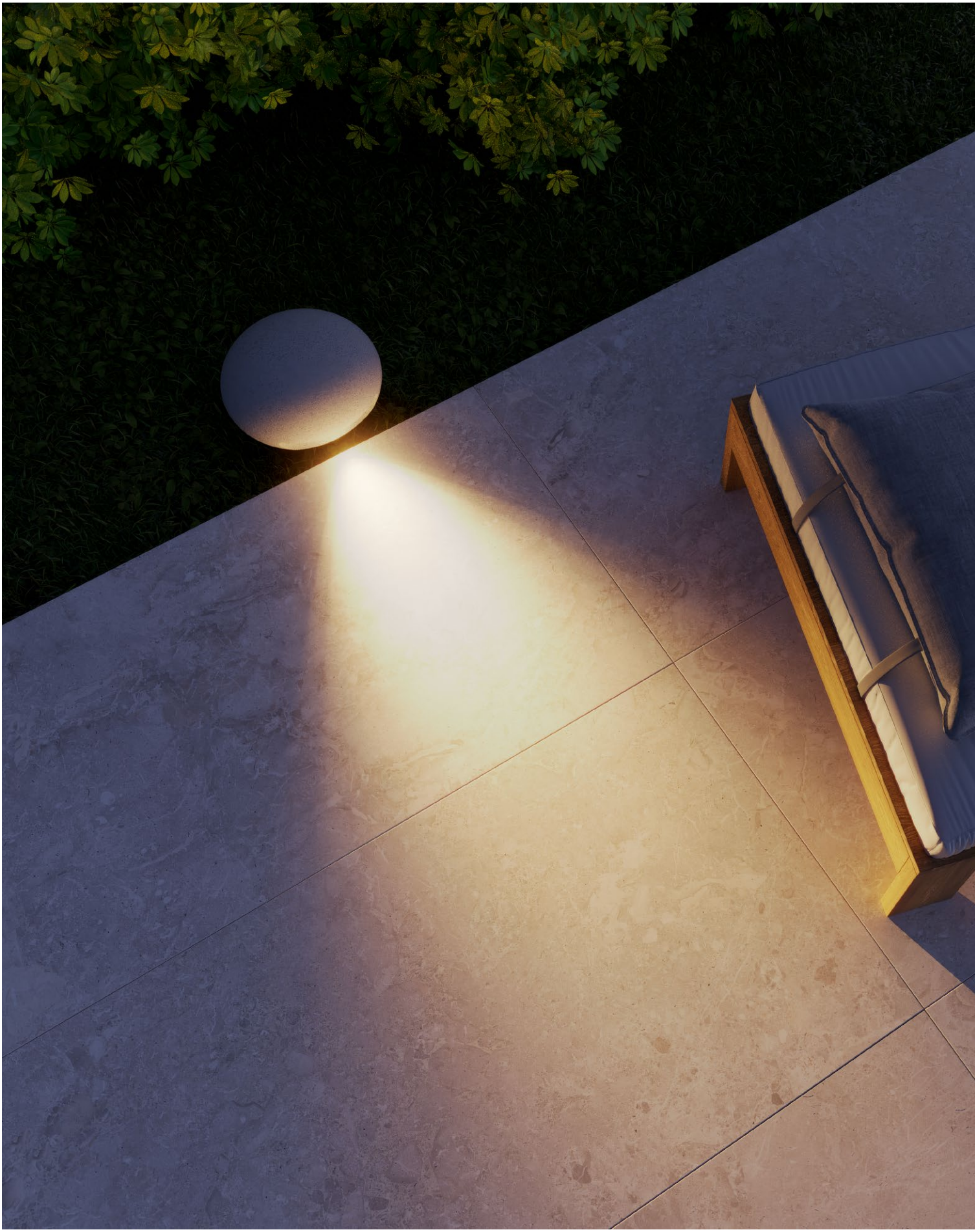


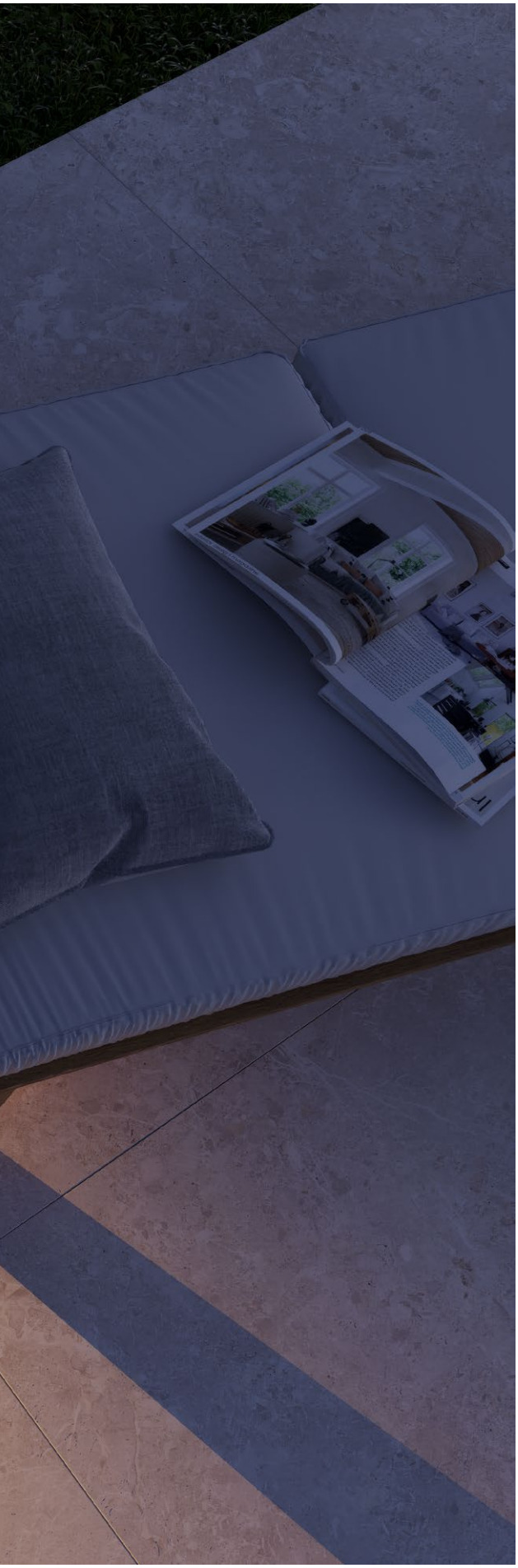






Bibo



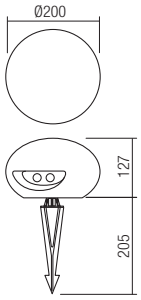


BOLLARD/PICKETS • STÂLPIȘOR/PICHET

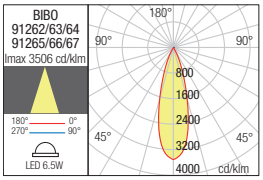
IP65 220-240V AC IK06

front sea suitable



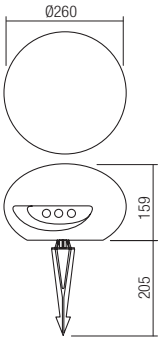


Code	Finishing	CCT	Control
91262 **91263** **91264**	Ivory Dark Grey Terracotta	2700K	On/Off
91265 **91266** **91267**	Ivory Dark Grey Terracotta	3000K	On/Off

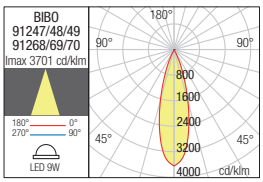


LED type	SMD LED 5050, 2 pcs x 3W
Input voltage	220-240V, 50/60Hz
Power	6,5W
LED flux/System flux	2700K: 707 lm/418 lm 3000K: 742 lm/449 lm
Optic	30°
CRI	≥90





Code	Finishing	CCT	Control
91247 **91248** **91249**	Ivory Dark Grey Terracotta	2700K	On/Off
91268 **91269** **91270**	Ivory Dark Grey Terracotta	3000K	On/Off



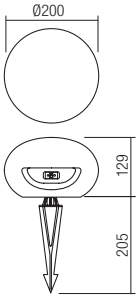
LED type	SMD LED 5050, 3 pcs x 3W
Input voltage	220-240V, 50/60Hz
Power	9W
LED flux/System flux	2700K: 959 lm/474 lm 3000K: 1001 lm/519 lm
Optic	30°
CRI	≥90

Bibo



BOLLARD/PICKETS • STÂLPIȘOR/PICHET• CCT 2700K-3000K

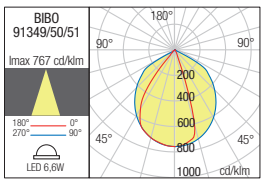
IP65 | 220-240V AC | IK06 | front sea suitable

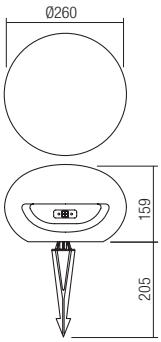




Code	Finishing	CCT	Control
91349 **91350** **91351**	Ivory Dark Grey Terracotta	2700K -3000K	On/Off

LED type	SMD LED 5050, 1 pc x 6W, 2700K + 1 pc x 6W, 3000K
Input voltage	220-240V, 50/60Hz
Power	6,6W
LED flux/System flux	2700K: 542 lm/285 lm 3000K: 610 lm/301 lm
Optic	55°x100°
CRI	≥90

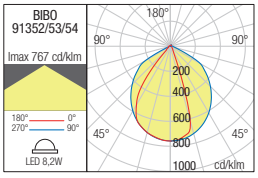






Code	Finishing	CCT	Control
91352 **91353** **91354**	Ivory Dark Grey Terracotta	2700K -3000K	On/Off

LED type	SMD LED 5050, 2 pcs x 4W, 2700K + 2 pcs x 4W, 3000K
Input voltage	220-240V, 50/60Hz
Power	8,2W
LED flux/System flux	2700K: 805 lm/468 lm 3000K: 846 lm/489 lm
Optic	55°x100°
CRI	≥90

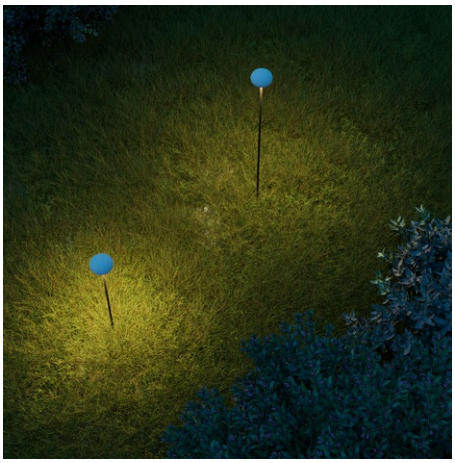




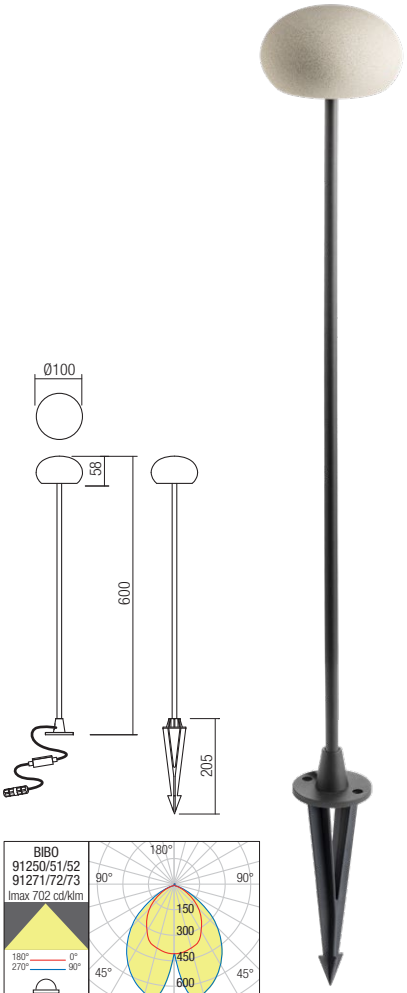

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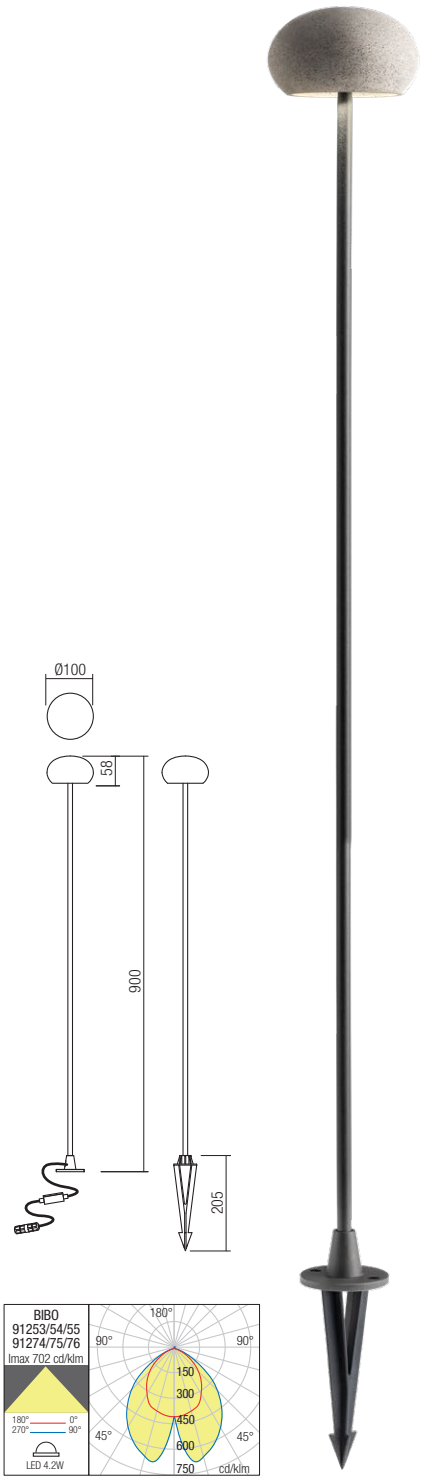
Recommended drivers at page 97.
Drivere recomandate la pagina 97.
Driver raccomandati a pagina 97.
Рекомендуемые светодиодные драйверы на странице 97.
Ajánlott LED-meghajtók a 97. oldalon.
Препоръчителни LED драйвери на страница 97.
Odporúčané LED drivery na strane 97.











Code	Finishing	CCT	Control
91250 **91251** **91252**	Ivory Dark Grey Terracotta	2700K	TRIAC/CASAMBI/ DALI/TUYA (Remote)
91271 **91272** **91273**	Ivory Dark Grey Terracotta	3000K	TRIAC/CASAMBI/ DALI/TUYA (Remote)

LED type	SMD LED 2835, 14 pcs x 0,28W
Input voltage	24V DC
Power	4,2W
LED flux/System flux	2700K: 541 lm/243 lm 3000K: 558 lm/259 lm
Optic	92°
CRI	≥90

Code	Finishing	CCT	Control
91253 **91254** **91255**	Ivory Dark Grey Terracotta	2700K	TRIAC/CASAMBI/ DALI/TUYA (Remote)
91274 **91275** **91276**	Ivory Dark Grey Terracotta	3000K	TRIAC/CASAMBI/ DALI/TUYA (Remote)

LED type	SMD LED 2835, 14 pcs x 0,28W
Input voltage	24V DC
Power	4,2W
LED flux/System flux	2700K: 541 lm/243 lm 3000K: 558 lm/259 lm
Optic	92°
CRI	≥90



Cape



Cape

Light fixture for exterior, equipped with LEDs, asymmetric light emission, die cast aluminium housing electrostatically painted in dark grey, transparent glass diffuser.

Corpuri de iluminat pentru exterior echipate cu LED-uri, emisie luminoasă asimetrică, corp din aluminiu turnat sub presiune vopsit în câmp electrostatic culoare gri închis, dispersor din sticlă transparentă.

Apparecchi per esterni, equipaggiati con LEDs, emissione luminosa asimmetrica, corpo in pressofusione di alluminio, verniciato a polveri colore grigio scuro, diffusore in vetro trasparente.

Светильники для наружного освещения, оснащенные светодиодами с ассиметричным распределением света, корпусом из литого под давлением алюминия, окрашенным в электростатическом поле в темно-серый цвет, и рассеивателем из прозрачного стекла.

Kültéri fali lámpák, SMD LED-es, aszimmetrikus fényszórás, nyomás alatt öntött alumínium, sötétszürke porfestett test, átlátszó üveg árnyékoló.

Осветителни тела за екстериор, оборудвани с LED-ове, асиметрично излъчване на светлина, алуминиево тяло, излято под налягане, боядисано в електростатично поле в тъмно сиво, прозрачен стъклен дифузор.

Exteriérové svietidlá, vybavené LED diódami, asymetrické vyžarovanie svetla, hliníkový odliatok elektrostaticky lakovaný v tmavosivej farbe, priehľadný sklenený difúzor.

IP54 IP65 IK06 IK09 LED RoHS compliant

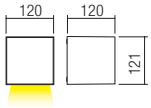


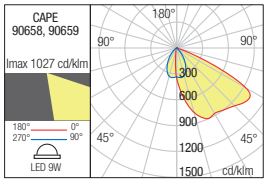
IP54 IK09

APPLIQUE • APLICĂ

Code	CCT	Finishing	Control
90658	2700K	Dark Grey	On/Off
90659	3000K	Dark Grey	

LED type	SMD LED 5050 CREE, 2 pcs x 4,5W
Input voltage	100-240V, 50/60Hz
Power	2 x 4,5W
LED flux/System flux	2700K: 1050 lm/607 lm 3000K: 1100 lm/662 lm
Optic	52°
CRI	≥80





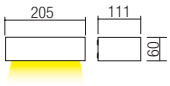


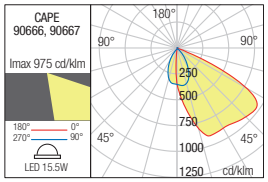
IP54 IK06

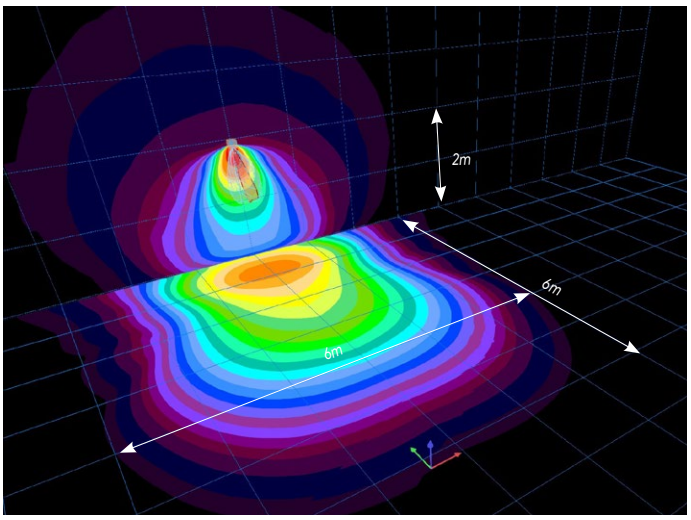
APPLIQUE • APLICĂ

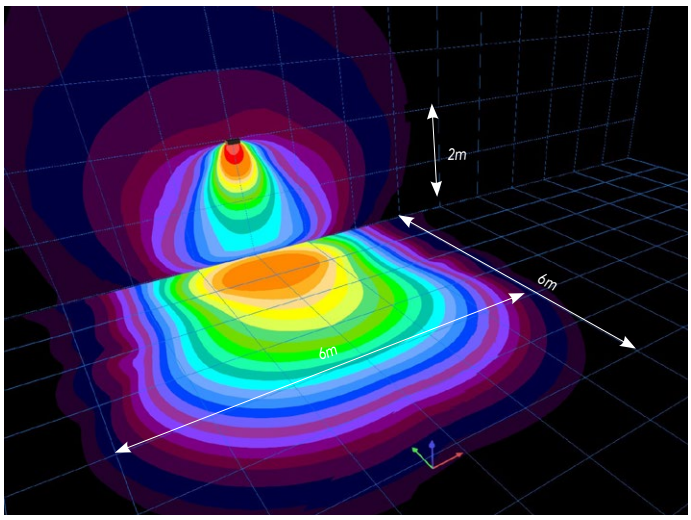
Code	CCT	Finishing	Control
90666	2700K	Dark Grey	On/Off
90667	3000K	Dark Grey	

LED type	SMD LED 5050 CREE, 3 pcs x 4,5W
Input voltage	100-240V, 50/60Hz
Power	15,5W
LED flux/System flux	2700K: 1600 lm/930 lm 3000K: 1650 lm/975 lm
Optic	40°x 60°
CRI	≥80





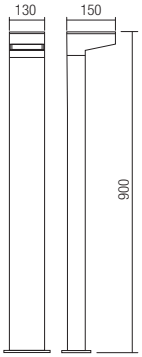






Cape







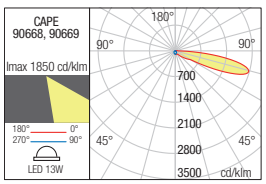
IP65 IK06

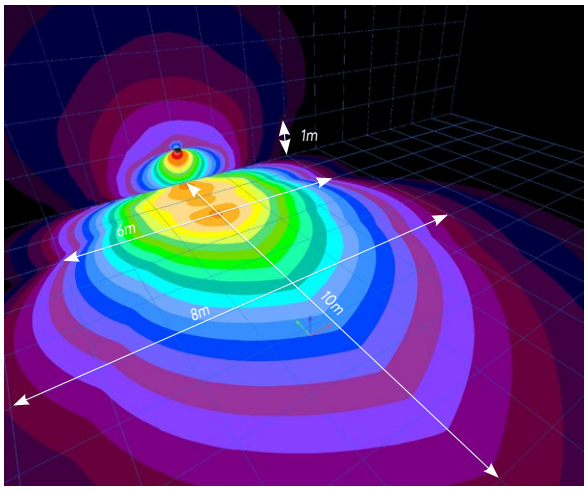
BOLLARDS • STÂLPIȘOR

20°x 40° OPTIC

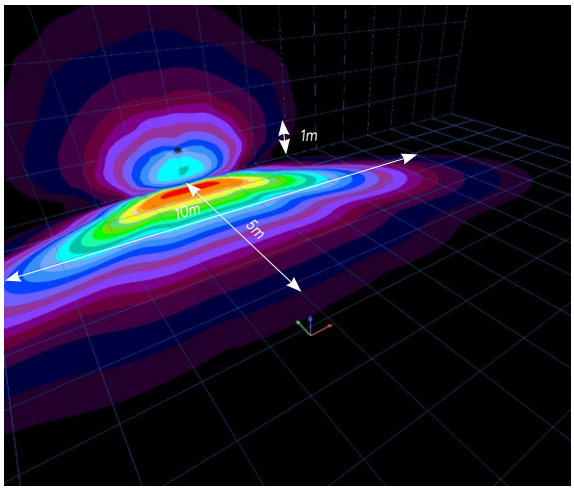
Code	*CCT*	*Finishing*	*Control*
90668	2700K	Dark Grey	On/Off
90669	3000K	Dark Grey	

LED type	COB LED CREE, 1 pcs x 12W
Input voltage	100-240V, 50/60Hz
Power	13W
LED flux/System flux	2700K: 1280 lm/740 lm 3000K: 1300 lm/767 lm
Optic	20°x 40°
CRI	≥80









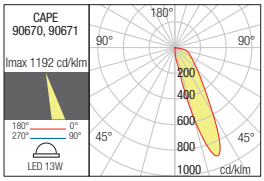
BOLLARDS • STÂLPIȘOR

IP65 IK06

20°x 90° OPTIC

Code	CCT	Finishing	Control
90670	2700K	Dark Grey	On/Off
90671	3000K	Dark Grey	

LED type	COB LED CREE, 1 pcs x 12W
Input voltage	100-240V, 50/60Hz
Power	13W
LED flux/System flux	2700K: 1280 lm/810 lm 3000K: 1300 lm/838 lm
Optic	20°x 90°
CRI	≥80





Oblik



Oblik

Orientable poles/pickets for exterior equipped with LED, designed for floor or wall mounting.
Die cast aluminium housing electrostatically painted in dark grey or corten, transparent glass diffuser.

Stâlpișori/picheți orientabili pentru exterior echipați cu LED, proiectați pentru instalarea pe pardoseală sau perete. Structură din aluminiu turnat sub presiune vopsit în câmp electrostatic gri închis sau corten, dispersor din sticlă transparentă.

Picchetti/paletti orientabili da esterni equipaggiati con LED, progettati per il montaggio a pavimento o a parete. Corpo in pressofusione di alluminio verniciato grigio scuro o corten, diffusore in vetro trasparente.

Поворотные столбики/столбики для наружного использования, оснащенные светодиодной подсветкой, предназначенные для установки на полу или на стене. Корпус из литого под давлением алюминия, окрашенным методом электростатического напыления, темно-серого цвета или цвета кортена, прозрачный стеклянный рассеиватель.

Kültéri, LED-es, állítható kisoszlop/leszúrótüske, talajba vagy falba szerelési kivitelben.
Sötétszürke vagy corten színű porfestett, nyomás alatt öntött alumínium szerkezet, átlátszó üveg árnyékoló.

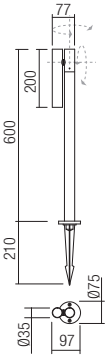
Регулируеми стълбчета/колчета за екстериор, оборудвани с LED осветление, предназначени за монтаж на пода или стената.
Алуминиева структура, излята под налягане, боядисана в електростатично поле в тъмно сиво или кортен, прозрачен стъклен дифузер.

Nastaviteľné stĺpy/latky do exteriéru vybavené LED diódami, určené na montáž na podlahu alebo na stenu.
Teleso z tlakovo liateho hliníka elektrostaticky lakované v tmavosivej alebo kortenovej farbe, difúzor z priehľadného skla.









BOLLARD • STÂLPIȘOR

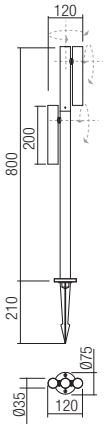
Code	*Finishing*	*CCT*	*Control*
91331	Dark Grey	2700K	On/Off
91332	Corten	2700K	
91333	Dark Grey	3000K	
91334	Corten	3000K	

LED type	COB LED, 1 pc x 6W
Input voltage	220-240V, 50/60Hz
Power	6W
LED flux/System flux	2700K: 608 lm/293 lm 3000K: 642 lm/312 lm
Optic	1 x 40°
CRI	≥80









BOLLARD • STÂLPIȘOR

Code	*Finishing*	*CCT*	*Control*
91335	Dark Grey	2700K	On/Off
91336	Corten	2700K	
91337	Dark Grey	3000K	
91338	Corten	3000K	

LED type	COB LED, 2 pcs x 6W
Input voltage	220-240V, 50/60Hz
Power	12W
LED flux/System flux	2700K: 1228 lm/619 lm 3000K: 1294 lm/676 lm
Optic	2 x 40°
CRI	≥80



Unit



Unit

Light fixtures for exterior, housing of die-cast aluminum electrostatically painted in dark grey or corten, diffusers of opal polycarbonate.

IP54 IP65 IK08 RoHS compliant

Corpuri de iluminat pentru exterior, corp din aluminiu turnat sub presiune vopsit în câmp electrostatic gri închis sau corten, dispersoare din policarbonat opal.

Apparecchi per esterni, corpo in pressofusione di alluminio verniciato a polveri colore grigio scuro o corten, diffusori in policarbonato opalino.

Светильники для наружного освещения с корпусом из литого под давлением алюминия, окрашенным в электростатическом поле в темно-серый или ржаво-оранжевый, и рассеивателями из опалового поликарбоната.

Kültéri lámpák, sötétszürke vagy corten színű porfestett, nyomás alatt öntött alumínium szerkezet, opál polikarbonát árnyékolók.

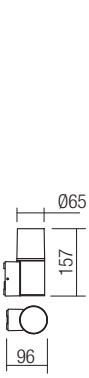
Осветителни тела за екстериор, алуминиево тяло, излято под налягане, боядисано в електростатично поле в тъмно сиво или кортен, дифузери от опалов поликарбонат.

Exteriérové svietidlá, teleso z tlakovo liateho hliníka elektrostaticky lakované v tmavosivej alebo cortenovej farbe, difúzory z opálového polykarbonátu.









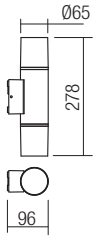


IP54

WALL LAMP • APLICĂ

Code	Finishing	Control
90684 **90685**	Dark Grey Corten	On/Off

Power	1 x max. 35W
Input voltage	230V
Input frequency	50Hz
Socket	GU10



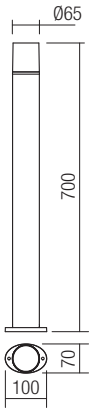


IP54

WALL LAMP • APLICĂ

Code	Finishing	Control
90686 **90687**	Dark Grey Corten	On/Off

Power	2 x max. 35W
Input voltage	230V
Input frequency	50Hz
Socket	GU10



IP65

BOLLARD • STÂLPIŞOR

Code	Finishing	Control
90688 **90689**	Dark Grey Corten	On/Off

Power	1 x max. 35W
Input voltage	230V
Input frequency	50Hz
Socket	GU10





Cell



Cell

Outdoor wall/ceiling lamps equipped with SMD LEDs, with the possibility of selecting the color temperature 2400K/3100K/4000K (via a switch located on the back of the ceiling lamp). Body made of anti-UV stabilized ABS in opal white or black, diffuser made of transparent polycarbonate with opal white screen printing on the inside.

Aplice/plafoniere pentru exterior echipate cu LED-uri SMD, cu posibilitatea de a selecta temperatura de culoare 2400K/3100K/4000K (prin intermediul unui comutator situat la partea dorsală a plafonierei).
Corp din ABS stabilizat anti-UV de culoare alb opal sau negru, dispersor din policarbonat transparent cu serigrafie alb opal la interior.

Applique/plafoniere per esterni dotate di LED SMD, con possibilità di selezionare la temperatura di colore 2400K/3100K/4000K (tramite un interruttore posto sul retro della lampada).
Corpo in ABS stabilizzato anti-UV color bianco opale o nero, diffusore in policarbonato trasparente con serigrafia bianco opale all'interno.

Бра/потолочные светильники для наружного освещения, оснащенные светодиодами SMD, с возможностью выбора цветовой температуры 2400K/3100K/4000K (с помощью выключателя, расположенного на задней стороне потолочного светильника).
Корпус из стабилизированного против УФ-излучения АБС белого опалового или черного цвета, рассеиватель из прозрачного поликарбоната с внутренней белой опаловой шелкографией.

Kültéri fali/mennyezeti lámpák SMD LED-ekkel, 2400K/3100K/4000K színhőmérséklet-választási lehetőséggel (a mennyezeti lámpa hátoldalán elhelyezett kapcsolóval).
UV-stabilizált, opálfehér vagy fekete színű ABS ház, belső oldalán opálfehér szitanyomott, átlátszó polikarbonát árnyékolóval.

Аплици/плафониери за външен монтаж, оборудвани с LED-ове SMD, с възможност за избор на цветова температура 2400K/3100K/4000K (чрез превключвател, разположен на задната страна на плафониерата).
Корпус от UV-защитен стабилизиран ABS в опалово бял или черен цвят, прозрачен поликарбонатен дифузер с бял опалов ситопечат отвътре.

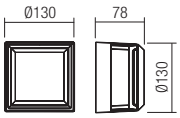
Nástenné/stropné svietidlá na vonkajšie použitie vybavené SMD LED diódami, s možnosťou výberu teploty farby 2400K/3100K/4000K (pomocou prepínača umiestneného na zadnej strane svietidla).
Telo z UV stabilizovaného ABS v opálovo bielej alebo čiernej farbe, difúzor z priehľadného polykarbonátu s vnútornou opálovo bielou sieťotlačou.

IP65 IK08

front sea suitable RoHS compliant





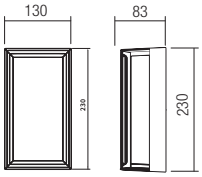


WALL/CEILING LAMP • APLICĂ/PLAFONIERA

Code	Finishing	CCT	Control
91283 **91284**	White Black	CCT 2400K-3100K-4000K	On/Off

LED type	SMD LED 2835, 84 pcs x 0,1W 2400K + 84 pcs x 0,1W 4000K
Input voltage	100-240V, 50/60Hz
Power	9W
LED flux/System flux	2400K: 1225/953 lm 3100K: 1382/1065 lm 4000K: 1463/1126 lm
Optic	160°
CRI	≥90



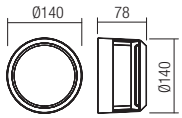


WALL/CEILING LAMP • APLICĂ/PLAFONIERA

Code	Finishing	CCT	Control
91291 **91292**	White Black	CCT 2400K-3100K-4000K	On/Off

LED type	SMD LED 2835, 192 pcs x 0,9W 2400K + 192 pcs x 0,9W 4000K
Input voltage	100-240V, 50/60Hz
Power	18W
LED flux/System flux	2400K: 2437/1617 lm 3100K: 2793/1835 lm 4000K: 2934/2016 lm
Optic	160°
CRI	≥90



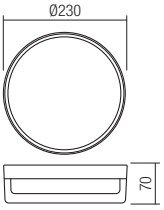


WALL/CEILING LAMP • APLICĂ/PLAFONIERA

Code	Finishing	CCT	Control
91285 **91286**	White Black	CCT 2400K-3100K-4000K	On/Off

LED type	SMD LED 2835, 84 pcs x 0,1W 2400K + 84 pcs x 0,1W 4000K
Input voltage	100-240V, 50/60Hz
Power	9W
LED flux/System flux	2400K: 1217/947 lm 3100K: 1400/1056 lm 4000K: 1469/1116 lm
Optic	160°
CRI	≥90



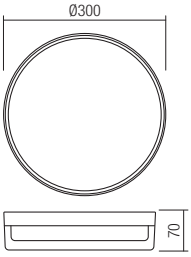


WALL/CEILING LAMP • APLICĂ/PLAFONIERA

Code	Finishing	CCT	Control
91287 **91288**	White Black	CCT 2400K-3100K-4000K	On/Off

LED type	SMD LED 2835, 120 pcs x 0,15W 2400K + 120 pcs x 0,15W 4000K
Input voltage	100-240V, 50/60Hz
Power	18W
LED flux/System flux	2400K: 2290/1383 lm 3100K: 2647/1597 lm 4000K: 2760/1663 lm
Optic	160°
CRI	≥90





WALL/CEILING LAMP • APLICĂ/PLAFONIERA

Code	Finishing	CCT	Control
91289 **91290**	White Black	CCT 2400K-3100K-4000K	On/Off

LED type	SMD LED 2835, 256 pcs x 0,9W 2400K + 256 pcs x 0,9W 4000K
Input voltage	100-240V, 50/60Hz
Power	24W
LED flux/System flux	2400K: 2955/1870 lm 3100K: 3366/2072 lm 4000K: 3549/2198 lm
Optic	160°
CRI	≥90



Even



Even

Series of exterior step lights equipped with SMD LEDs, die cast aluminium housing electrostatically painted in sand white, dark grey, sand black or corten, diffuser of transparent printed glass. Versions with the possibility of selecting the color temperature 2200K/2700K/3000K/4000K.

Serie de corpuri step light pentru exterior echipate cu LED-uri SMD, corp din aluminiu turnat sub presiune vopsit în câmp electrostatic alb mat, gri închis, negru mat sau corten, dispersor din sticlă amprentată transparentă.
Versiuni cu posibilitatea de selectare a temperaturii de culoare 2200K/2700K/3000K/4000K

Serie di segnapassi per esterni, equipaggiati con LED SMD, corpo in pressofusione di alluminio, verniciato a polveri bianco opaco, grigio scuro, nero opaco o corten, diffusore in vetro stampato trasparente.
Versioni con la possibilità di selezionare la temperatura di colore 2200K/2700K/3000K/4000K

Светильники для подсветки ступеней, для наружного освещения, оснащенные светодиодами SMD, с корпусом из литого под давлением алюминия, окрашенным методом электростатического напыления в матовый белый, темно-серый, матовый черный или цвет «кортен», и рассеивателем из прозрачного стекла с рельефным рисунком.
Модели с возможностью выбора цветовой температуры: 2200K/2700K/3000K/4000K.

Kültéri, SMD LED-es Step light sorozat, nyomás alatt öntött alumínium, porfestett, fehér matt, sötétszürke, fekete matt vagy corten színű test, mintázott üveg árnyékolóval.
2200K/2700K/3000K/4000K színhőmérséklet-választási lehetőséggel.

Серия лампи за стъпала за екстериор, оборудвани с LED-ове SMD, алуминиево тяло, излято под налягане, боядисано в електростатично поле в матово бяло, тъмно сиво, матово черно или кортен, дифузер от прозрачно щамповано стъкло.
Версии с възможност за избор на цветова температура на светлината 2200K/2700K/3000K/4000K.

Séria exteriérových schodových svietidiel vybavených SMD LED diódami, puzdro z tlakovo liateho hliníka elektrostaticky lakované v piesKovo bielej, tmavosivej, piesKovo čiernej alebo kortenovej farbe, difúzor z priehľadného potlačeného skla.
Verzie s možnosťou výberu teploty farieb 2200K/2700K/3000K/4000K.

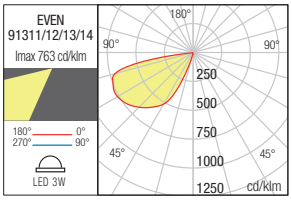




STEP LIGHT

Code	*Finishing*	*CCT*	*Control*
91311 **91312** **91313** **91314**	Sand White Dark Grey Corten Sand Black	CCT 2200K-2700K-3000K-4000K	On/Off

LED type	SMD LED 2835, 8 pcs x 0,35W 2200K + 8 pcs x 0,35W 4000K
Input voltage	220-240V, 50/60Hz
Power	3W
LED flux/System flux	2200K:240 lm/100 lm 2700K: 260 lm/110 lm 3000K: 275 lm/115 lm 4000K: 300 lm/125 lm
Optic	55°
CRI	≥80

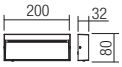


IP65 LED CCT IK06 RoHS compliant



CCT switch button control







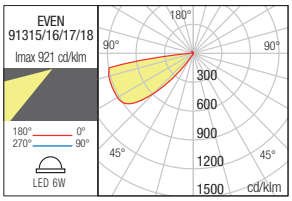




STEP LIGHT

Code	*Finishing*	*CCT*	*Control*
91315 **91316** **91317** **91318**	Sand White Dark Grey Corten Sand Black	CCT 2200K-2700K-3000K-4000K	On/Off

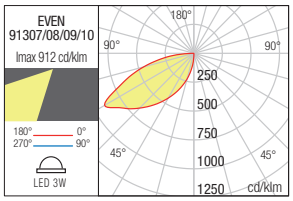
LED type	SMD LED 2835, 15 pcs x 0,40W 2200K + 8 pcs x 0,35W 4000K
Input voltage	220-240V, 50/60Hz
Power	6W
LED flux/System flux	2200K:590 lm/190lm 2700K: 640 lm/205 lm 3000K: 670 lm/220 lm 4000K: 735 lm/240 lm
Optic	40°
CRI	≥80



STEP LIGHT

Code	*Finishing*	*CCT*	*Control*
91307 **91308** **91309** **91310**	Sand White Dark Grey Corten Sand Black	CCT 2200K-2700K-3000K-4000K	On/Off

LED type	SMD LED 2835, 8 pcs x 0,35W 2200K + 8 pcs x 0,35W 4000K
Input voltage	220-240V, 50/60Hz
Power	3W
LED flux/System flux	2200K:250 lm/90 lm 2700K: 275 lm/92 lm 3000K: 290 lm/95 lm 4000K: 315 lm/100 lm
Optic	40°
CRI	≥80







Lander



Lander

Exterior step lights equipped with SMD LEDs, housing of die cast aluminium electrostatically painted in sand white, dark grey or corten, transparent polycarbonate diffuser.

IP54 IK06 LED anti corrosion RoHS compliant

Serie de corpuri step light echipate cu LED-uri SMD, corp din aluminiu turnat sub presiune vopsit în câmp electrostatic alb mat, gri închis sau corten, dispersor din policarbonat transparent.

Segnapassi per esterni equipaggiati con LED SMD, corpo in pressofusione di alluminio verniciato a polveri colore bianco sabbiato, grigio scuro o corten, diffusore in policarbonato trasparente.

Светильники для подсветки ступеней, оснащенные светодиодами SMD, с корпусом из литого под давлением алюминия, окрашенным методом электростатического напыления в матовый белый, темно-серый или цвет «кортен», и рассеивателем из прозрачного поликарбоната.

SMD LED-es Step light sorozat, nyomás alatt öntött alumínium, porfestett, fehér matt, sötétszürke vagy corten színű test, átlátszó polikarbonát árnyékolóval.

Серия лампи за стъпала, оборудвани с LED-ове SMD, алуминиево тяло, излято под налягане, боядисано в електростатично поле в матово бяло, тъмно сиво или кортен, прозрачен поликарбонатен дифузер.

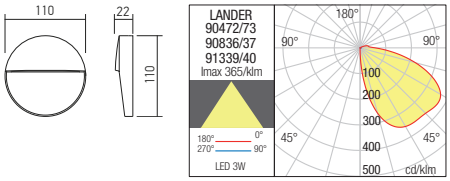
Vonkajšie schodové svetlá vybavené SMD LED diódami, puzdro z tlakovo liateho hliníka elektrostaticky lakované v pieskovo bielej, tmavosivej alebo kortenovej farbe, priehľadný polykarbonátový difúzor.



STEP LIGHT

Code	CCT	Finishing	Control
90836	2700K	Sand White	On/Off
90837	2700K	Dark Grey	
91339	2700K	Corten	
90472	3000K	Sand White	
90473	3000K	Dark Grey	
91340	3000K	Corten	

LED type	SMD LED 2835, 15 pcs x 0,2W
Input voltage	220-240V, 50/60Hz
Power	3W
LED flux/System flux	2700K: 362 lm/97 lm
	3000K: 370 lm/100 lm
CRI	≥80



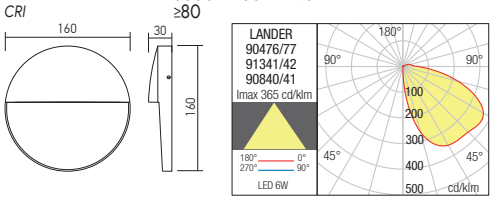


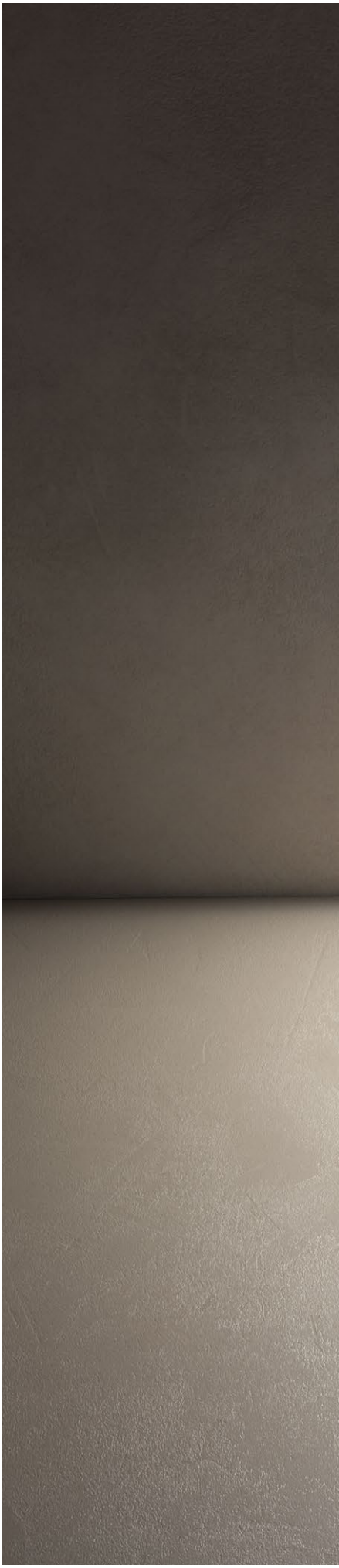


STEP LIGHT

Code	CCT	Finishing	Control
90840	2700K	Sand White	On/Off
90841	2700K	Dark Grey	
91341	2700K	Corten	
90476	3000K	Sand White	
90477	3000K	Dark Grey	
91342	3000K	Corten	

LED type	SMD LED 2835, 28 pcs x 0,21W
Input voltage	220-240V, 50/60Hz
Power	6W
LED flux/System flux	2700K: 687 lm/270 lm
	3000K: 700 lm/275 lm
CRI	≥80







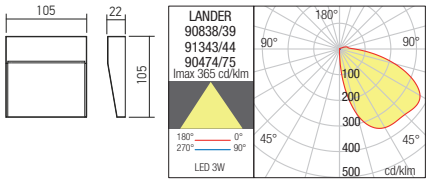
Lander



STEP LIGHT

Code	*CCT*	*Finishing*	*Control*
90838	2700K	Sand White	On/Off
90839	2700K	Dark Grey	
91343	2700K	Corten	
90474	3000K	Sand White	
90475	3000K	Dark Grey	
91344	3000K	Corten	

LED type	SMD LED 2835, 15 pcs x 0,2W
Input voltage	220-240V, 50/60Hz
Power	3W
LED flux/System flux	2700K: 352 lm/95 lm 3000K: 360 lm/100 lm
CRI	≥80

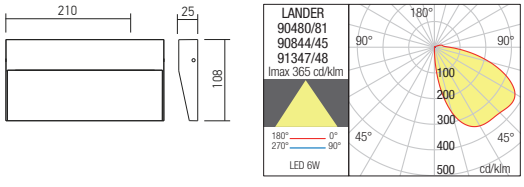




STEP LIGHT

Code	*CCT*	*Finishing*	*Control*
90844	2700K	Sand White	On/Off
90845	2700K	Dark Grey	
91347	2700K	Corten	
90480	3000K	Sand White	
90481	3000K	Dark Grey	
91348	3000K	Corten	

LED type	SMD LED 2835, 28 pcs x 0,21W
Input voltage	220-240V, 50/60Hz
Power	6W
LED flux/System flux	2700K: 687 lm/200 lm 3000K: 700 lm/205 lm
CRI	≥80







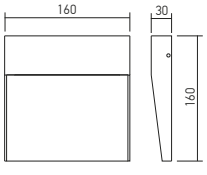


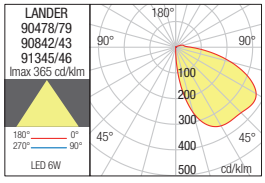


STEP LIGHT

Code	*CCT*	*Finishing*	*Control*
90842	2700K	Sand White	On/Off
90843	2700K	Dark Grey	
91345	2700K	Corten	
90478	3000K	Sand White	
90479	3000K	Dark Grey	
91346	3000K	Corten	

LED type	SMD LED 2835, 28 pcs x 0,21W
Input voltage	220-240V, 50/60Hz
Power	6W
LED flux/System flux	2700K: 687 lm/265 lm 3000K: 700 lm/270 lm
CRI	≥80







Igor



Igor

Step lights for interior or exterior with asymmetrical light distribution, recessed wall mounting.
Housing of die cast aluminium electrostatically painted in sand white, dark grey, sand black or corten, transparent printed glass diffuser.
Versions with the possibility of selecting the color temperature 2200K/2700K/3000K/4000K.
Driver included.

IP65 LED CCT IK06 RoHS compliant

Corpuri step light cu distribuție luminoasă asimetrică pentru exterior sau interior cu montaj încastrat în perete.
Corp din aluminiu turnat sub presiune vopsit în câmp electrostatic alb mat, gri închis, negru mat sau corten, dispersor din sticlă amprentată transparentă.
Versiuni cu posibilitatea de selectare a temperaturii de culoare 2200K/2700K/3000K/4000K.
Driver integrat.

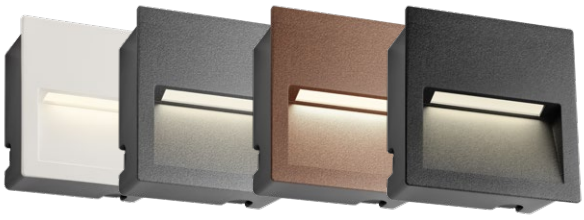
Segnapassi a distribuzione asimmetrica per esterni e interni, montaggio ad incasso a parete.
Corpo in alluminio pressofuso verniciato a polveri bianco opaco, grigio scuro, nero opaco o corten, diffusore in vetro stampato trasparente.
Versioni con la possibilità di selezionare la temperatura di colore 2200K/2700K/3000K/4000K.
Driver integrato.

Подсветки для подсветки ступеней с асимметричным распределением света для наружного или внутреннего освещения с возможностью настенного, скрытого монтажа.
Светильник с корпусом из литого под давлением алюминия, окрашенным методом электростатического напыления в матовый белый, темно-серый, матовый черный или цвет «кортен», и рассеивателем из прозрачного стекла с рельефным рисунком.
Модели с возможностью выбора цветовой температуры: 2200K/2700K/3000K/4000K.
Встроенный драйвер.

Kültéri vagy beltéri, aszimmetrikus disztribúciós Step light, falba épített változat.
Nyomás alatt öntött alumínium, porfestett, fehér matt, sötétszürke, fekete matt vagy corten színű test, átlátszó, mintázott üveg árnyékolóval.
2200K/2700K/3000K/4000K színhőmérséklet-választási lehetőséggel ellátott verziók.
Beépített driver.

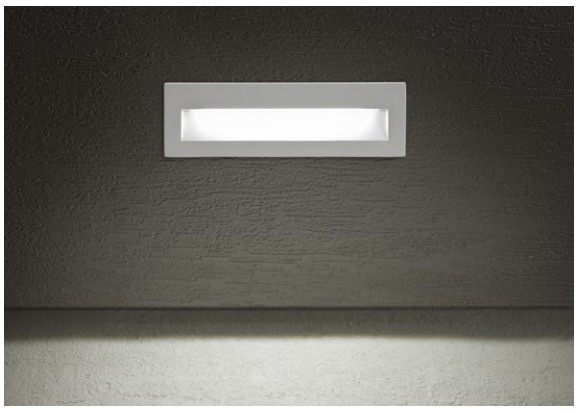
Лампи за стъпала с асиметрично разпределение на светлината за екстериор или интериор с вграден монтаж в стена.
Алуминиево тяло, излято под налягане, боядисано в електростатично поле в матово бяло, тъмно сиво, матово черно или кортен, дифузер от прозрачно щамровано стъкло.
Версии с възможност за избор на цветова температура на светлината 2200K/2700K/3000K/4000K.
Интегриран драйвер.

Schodové svietidlá do interiéru alebo exteriéru s asymetrickým rozložením svetla, zapustená montáž na stenu.
Teleso z tlakovo liateho hliníka elektrostaticky lakovaného v pieskovo bielej, tmavosivej, pieskovo čiernej alebo kortenovej farbe, difúzor z lisovaného skla alebo priehľadného potlačeného skla.
Verzie s možnosťou výberu teploty farby 2200K/2700K/3000K/4000K.
Napájač je súčasťou balenia.



CCT switch button control











Igor

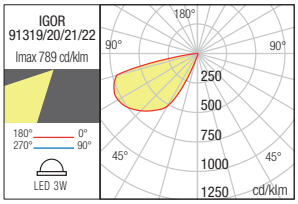


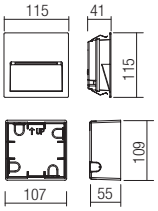


RECESSED STEP LIGHT• STEP LIGHT ÎNCASTRATĂ

Code	Finishing	CCT	Control
91319 **91320** **91321** **91322**	Sand White Dark Grey Corten Sand Black	CCT 2200K-2700K-3000K-4000K	On/Off

LED type	SMD LED 2835, 8 pcs x 0,35W, 2200K +8 pcs 0,35W, 4000K
Input voltage	220-240V, 50/60Hz
Power	3W
LED flux/System flux	2200K:240 lm/100 lm 2700K: 260 lm/110 lm 3000K: 275 lm/115 lm 4000K: 300 lm/125 lm
Optic	55°
CRI	≥80



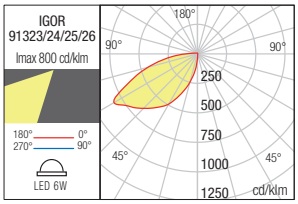


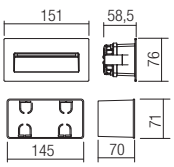


RECESSED STEP LIGHT• STEP LIGHT ÎNCASTRATĂ

Code	Finishing	CCT	Control
91323 **91324** **91325** **91326**	Sand White Dark Grey Corten Sand Black	CCT 2200K-2700K-3000K-4000K	On/Off

LED type	SMD LED 2835, 15 pcs x 0,40W, 2200K + 15 pcs 0,40W, 4000K
Input voltage	220-240V, 50/60Hz
Power	6W
LED flux/System flux	2200K:565 lm/260 lm 2700K: 630 lm/285 lm 3000K: 675 lm/315 lm 4000K: 740 lm/365 lm
Optic	55°
CRI	≥80



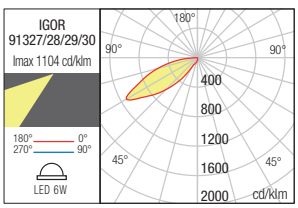


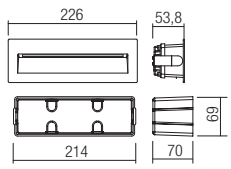


RECESSED STEP LIGHT• STEP LIGHT ÎNCASTRATĂ

Code	Finishing	CCT	Control
91327 **91328** **91329** **91330**	Sand White Dark Grey Corten Sand Black	CCT 2200K-2700K-3000K-4000K	On/Off

LED type	SMD LED 2835, 5 pcs x 0,40W, 2200K + 15 pcs 0,40W, 4000K
Input voltage	220-240V, 50/60Hz
Power	6W
LED flux/System flux	2200K:590 lm/160 lm 2700K: 640 lm/170 lm 3000K: 670 lm/180 lm 4000K: 735 lm/195 lm
Optic	30°
CRI	≥80





Xrock mini

Adjustable mini projectors for outdoor, waterproof and dustproof protected (IP65), equipped with POWER LED.
Die-cast aluminum body with anti-rust and anti-corrosion protection treatment by cataphoresis, electrostatically painted in dark grey, dark green or corten.
Versions with antiqued solid brass body for saline environments.
Optical system with PMMA FRESNEL lens, 30° dispersion angle.
Glass diffuser with screen-printed black border.
Delivered with a voltage/current converter installed inside the IP68 waterproof connector.
On request the fixtures can be equipped with picket and asymmetrical snoot.
All accessories have to be ordered separately.

Miniproiectoare orientabile pentru exterior, protejate la praf și umiditate (IP65), echipate cu POWER LED.
Corp din aluminiu turnat sub presiune, cu tratament de protecție antirugină și anticoroziune prin cataforeză, vopsit în câmp electrostatic, culoare gri închis, verde închis sau corten.
Versiuni cu corp din alamă masivă antichizată pentru medii saline.
Sistem optic cu lentilă FRESNEL din PMMA, unghi de dispersie de 30°.
Dispersor din sticlă cu bordură serigrafiată de culoare neagră.
Se livrează cu convertor tensiune/curent instalat în interiorul conectorului etanș IP68.
La cerere pot fi echipate cu pichet și vizor asimetric.
Toate accesoriile se comandă separat.

Mini proiettori orientabili da esterno, protetti da polvere e umidità (IP65), dotati di POWER LED.
Corpo in alluminio pressofuso con trattamento protettivo antiruggine e anticorrosione mediante cataforesi, verniciato a polveri colore grigio scuro, verde scuro o corten.
Versioni con corpo in ottone massiccio anticato per ambienti salini. Sistema ottico con lente FRESNEL in PMMA, angolo di dispersione 30°.
Diffusore in vetro con bordo nero serigrafato.
Viene fornito di un convertitore di tensione/corrente installato all'interno del connettore IP68.
A richiesta possono essere dotati di picchetto e cannocchiale asimmetrico.
Tutti gli accessori devono essere ordinati separatamente.

Поворотные мини-прожекторы для наружного освещения, защищенные от пыли и влаги (IP65), оснащенные POWER LED.
Корпус из литого под давлением алюминия с антикоррозионной и противоржавчинной защитой методом катафореза, окрашенный в электростатическом поле в темно-серый, темно-зеленый или ржаво-оранжевый.
Варианты с корпусом, изготовленным из прочной антикварной латуни для соленой среды. Оптическая система с линзой FRESNEL из ПММА, угол рассеивания 30°.
Рассеиватель из стекла с шелкографически нанесенной черной окантовкой.
Поставляется с преобразователем напряжения/тока, установленным внутри герметичного коннектора IP68.
По запросу могут быть оснащены пикой и асимметричным козырьком.
Все аксессуары заказываются отдельно.

Kültéri, POWER LED-esl, állítható minireflektorok, por- és nedvességvédelemmel (IP65).
Nyomás alatt öntött alumínium ház, kataforézises korrózió- és rozsdavédő kezeléssel, sötétszürke, sötétzöld vagy corten színű, porfestett felülettel.
Antikizált tömör sárgaréz házzal készült változatok sós környezethez.
Optikai rendszer FRESNEL PMMA lencsével, 30°-os sugárzási szöggel.
Üveg diszperzór fekete, szitanyomott szegéllyel.
Beépített feszültség/áram transzformátorral szállítva, az IP68-as tömített csatlakozón belül elhelyezve.
Kérésre rögzítőcövekkel és aszimmetrikus fényterelővel szerelhetők.
Minden tartozék külön rendelhető.



Recommended drivers at page 97.
Drivere recomandate la pagina 97.
Driver raccomandati a pagina 97.
Рекомендуемые светодиодные драйверы на странице 97.
Ajánlott LED-meghajtók a 97. oldalon.
Препоръчителни LED драйвери на страница 97.
Odporúčané LED drivery na strane 97.

Регулируеми мини прожектори за екстериор, защитени от прах и влага (IP65), оборудвани с POWER LED.
Алуминиево тяло, излято под налягане, със защитна обработка против ръжда и корозия чрез катафореза, боядисано в електростатично поле в тъмно сиво, тъмно зелено или кортен. Варианти с корпус от масивен месинг с античен външен вид за солени среди.
Оптична система с леща FRESNEL от PMMA, ъгъл на дисперсия 30°.
Дифузер от стъкло със ситопечатен кант в черен цвят.
Доставя се с преобразувател на напрежение/ток, монтиран вътре в херметичния конектор IP68.
По заявка могат да бъдат оборудвани с колче и асиметричен визьор. Всички аксесоари се поръчват отделно.

Nastaviteľné mini projektory do exteriéru, vodotesné a prachotesné (IP65), vybavené POWER LED.
Telo z tlakovo liateho hliníka s antikoróznou úpravou kataforézou, elektrostaticky lakované v tmavosivej, tmavozelenej alebo kortenovej farbe. Verzie s telom z masívnej mosadze v antickej farbe pre slané prostredie.
Optický systém s PMMA FRESNELOVOU šošovkou, uhol rozptylu 30°.
Sklenený difúzor s čiernym sieťotlačovým okrajom.
Dodávané s meničom napätia/prúdu nainštalovaným vo vodeodolnom konektore IP68.
Na požiadanie je možné svietidlá vybaviť tyčkou a asymetrickým náhubkom.
Všetko príslušenstvo je potrebné objednať samostatne.



Xrock mini

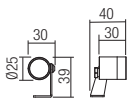
RKMR01 ANTI CORROSION MODELS

Cataphoresis treatment

FINISHING AVAILABLE

DG GN CT



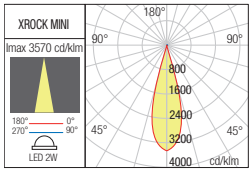


24V DC III IP65 IK06 TRIAC CASAMBI DALI TUYA

anti corrosion

Code	Finishing	Control
RKMR01UWW DG	Dark Grey	TRIAC, CASAMBI, DALI, TUYA (REMOTE)
RKMR01UWW GN	Dark Green	
RKMR01UWW CT	Corten	
RKMR01WW DG	Dark Grey	
RKMR01WW GN	Dark Green	
RKMR01WW CT	Corten	

LED type	POWER LED 1 pc x 1,5W
Input voltage	24V DC
Power	2W
Driver	EXCLUDED
LED flux/System flux	2700K: 200 lm/180 lm 3000K: 208 lm/ 197 lm
Optic	30°
CRI	≥80



Accessories have to be ordered separately.

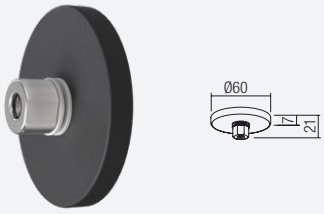
Asymetrical snoot



Code	Finishing
RKMRST DG	Dark Grey
RKMRST GN	Dark Green
RKMRST CT	Corten

Asymmetrical snoot, die-cast aluminum body with anti-rust and anti-corrosion protection treatment by cataphoresis, electrostatically painted.

Magnetic base for metallic surface mounting



Code	Finishing
RKMMB DG	Dark Grey
RKMMB GN	Dark Green
RKMMB CT	Corten

Magnetic mounting base for the XROCK MINI projector range, supports a maximum weight of 0,5 Kg. Aluminum mask, with anti-rust and anti-corrosion protection treatment by cataphoresis, electrostatically painted, screw and fixing nut in AISI 316 stainless steel.

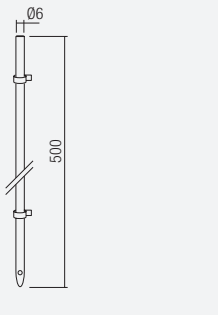
30cm Aluminum spike



Code	Finishing
RKMSPE DG	Dark Grey
RKMSPE GN	Dark Green
RKMSPE CT	Corten

Spike, die-cast aluminum body with anti-rust and anti-corrosion treated by cataphoresis, electrostatically painted.

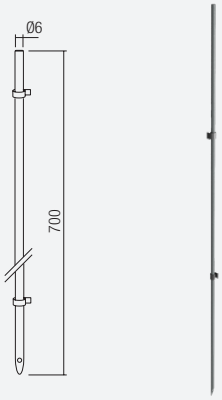
50cm Aluminum spike



Code	Finishing
RKMP50 DG	Dark Grey
RKMP50 GN	Dark Green
RKMP50 CT	Corten

Spike for the XROCK MINI projectors range with a height of 50 cm. Aluminum body with anti-rust and anti-corrosion protection treatment by cataphoresis, electrostatically painted.

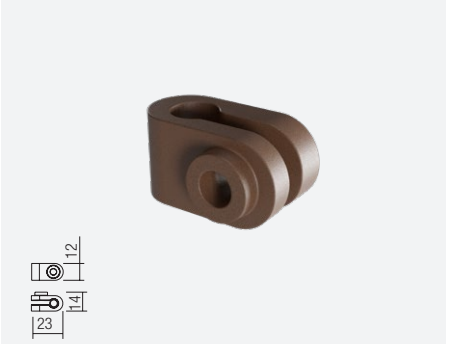
70cm Aluminum spike



Code	Finishing
RKMP70 DG	Dark Grey
RKMP70 GN	Dark Green
RKMP70 CT	Corten

Spike for the XROCK MINI projectors range with a height of 70 cm. Aluminum body with anti-rust and anti-corrosion protection treatment by cataphoresis, electrostatically painted.

Adaptor for 50/70 aluminum spike



Code	Finishing
RKMAD DG	Dark Grey
RKMAD GN	Dark Green
RKMAD CT	Corten

Accessory for mounting XROCK MINI mini projectors on a pole, for models RKMP50 DG and RKMP70 DG. Die-cast aluminum body, with anti-rust and anti-corrosion protection treatment by cataphoresis electrostatically painted .



Xrock mini

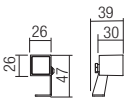
RKMQ01 ANTI CORROSION MODELS

Cataphoresis treatment

FINISHING AVAILABLE

DG GN CT

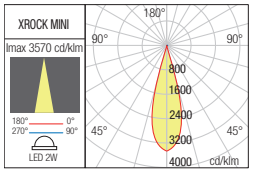




24V DC | III | IP65 | IK06 | TRIAC | CASAMBI | DALI | TUYA | anti corrosion

Code	Finishing	Control
RKMQ01UWW DG **RKMQ01UWW GN** **RKMQ01UWW CT** **RKMQ01WW DG** **RKMQ01WW GN** **RKMQ01WW CT**	Dark Grey Dark Green Corten Dark Grey Dark Green Corten	TRIAC, CASAMBI, DALI, TUYA (REMOTE)

LED type	POWER LED 1 pc x 1,5W
Input voltage	24V DC
Power	2W
Driver	EXCLUDED
LED flux/System flux	2700K: 200 lm/180 lm 3000K: 208 lm/ 197 lm
Optic	30°
CRI	≥80



Accessories have to be ordered separately.

Asymetrical snoot



Code	Finishing
RKMQST DG **RKMQST GN** **RKMQST CT**	Dark Grey Dark Green Corten

Asymmetrical snoot, die-cast aluminum body with anti-rust and anti-corrosion protection treatment by cataphoresis, electrostatically painted.

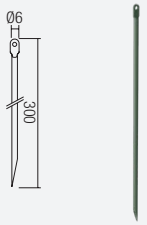
Magnetic base for metallic surface mounting



Code	Finishing
RKMMB DG **RKMMB GN** **RKMMB CT**	Dark Grey Dark Green Corten

Magnetic mounting base for the XROCK MINI projector range, supports a maximum weight of 0,5 Kg. Aluminum mask, with anti-rust and anti-corrosion protection treatment by cataphoresis, electrostatically painted, screw and fixing nut in AISI 316 stainless steel.

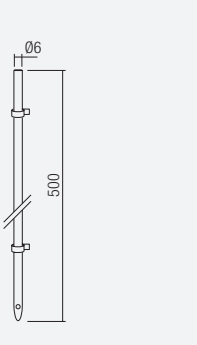
Aluminum spike



Code	Finishing
RKMSPE DG **RKMSPE GN** **RKMSPE CT**	Dark Grey Dark Green Corten

Spike, die-cast aluminum body with anti-rust and anti-corrosion treated by cataphoresis, electrostatically painted.

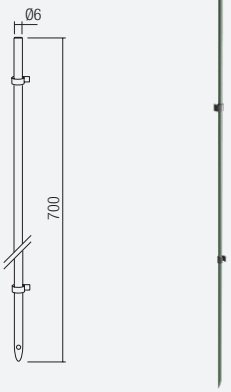
50cm Aluminum spike



Code	Finishing
RKMP50 DG **RKMP50 GN** **RKMP50 CT**	Dark Grey Dark Green Corten

Spike for the XROCK MINI projectors range with a height of 50 cm. Aluminum body with anti-rust and anti-corrosion protection treatment by cataphoresis, electrostatically painted.

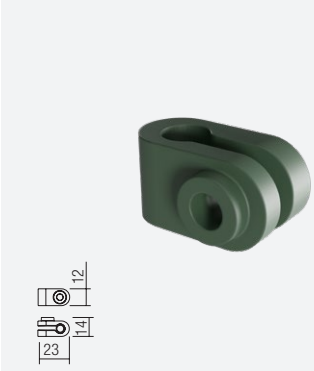
70cm Aluminum spike



Code	Finishing
RKMP70 DG **RKMP70 GN** **RKMP70 CT**	Dark Grey Dark Green Corten

Spike for the XROCK MINI projectors range with a height of 70 cm. Aluminum body with anti-rust and anti-corrosion protection treatment by cataphoresis, electrostatically painted.

Adaptor for 50/70 aluminum spike



Code	Finishing
RKMAD DG **RKMAD GN** **RKMAD CT**	Dark Grey Dark Green Corten

Accessory for mounting XROCK MINI mini projectors on a pole, for models RKMP50 and RKMP70. Die-cast aluminum body, with anti-rust and anti-corrosion protection treatment by cataphoresis electrostatically painted .



Xrock mini



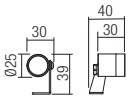
RKMR01 AB ANTIQUE SOLID BRASS MODELS

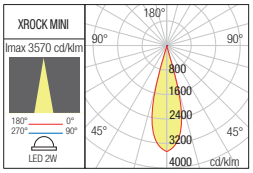
for saline environments

FINISHING AVAILABLE

AB







24V DC III IP65 IK06 TRIAC CASAMBI DALI TUYA

front sea suitable

Code	Finishing	Control
RKMR01UWW AB **RKMR01WW AB**	Antique Brass Antique Brass	TRIAC, CASAMBI, DALI, TUYA (REMOTE)

LED type	POWER LED 1 pc x 1,5W
Input voltage	24V DC
Power	2W
Driver	EXCLUDED
LED flux/System flux	2700K: 200 lm/180 lm 3000K: 208 lm/ 197 lm
Optic	30°
CRI	≥80

Accessories have to be ordered separately.

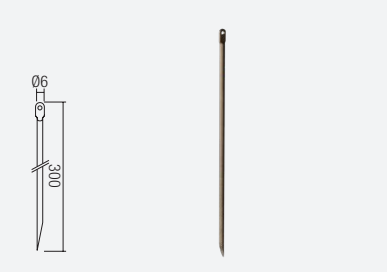
Asymetrical snoot



Code	Finishing
RKMRST AB	Antique brass

Asymmetrical snoot, antiqued solid brass body for saline environments.

Antique solid brass spike



Code	Finishing
RKMSPE AB	Antique Brass

Spike for XROCK MINI solid brass range of projectors.
Antiqued solid brass body for saline environments.

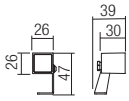
RKMQ01 AB ANTIQUE SOLID BRASS MODELS

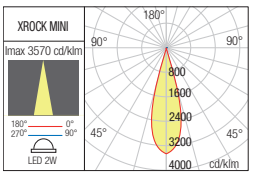
for saline environments

FINISHING AVAILABLE

AB







24V DC III IP65 IK06 TRIAC CASAMBI DALI TUYA

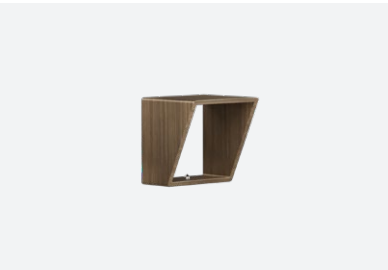
front sea suitable

Code	Finishing	Control
RKMQ01UWW AB **RKMQ01WW AB**	Antique Brass Antique Brass	TRIAC, CASAMBI, DALI, TUYA (REMOTE)

LED type	POWER LED 1 pc x 1,5W
Input voltage	24V DC
Power	2W
Driver	EXCLUDED
LED flux/System flux	2700K: 200 lm/180 lm 3000K: 208 lm/ 197 lm
Optic	30°
CRI	≥80

Accessories have to be ordered separately.

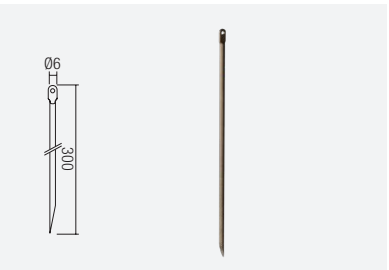
Asymetrical snoot



Code	Finishing
RKMQST AB	Antique Brass

Asymmetrical snoot, antiqued solid brass body for saline environments.

Antique solid brass spike



Code	Finishing
RKMSPE AB	Antique Brass

Spike for XROCK MINI solid brass range of projectors.
Antiqued solid brass body for saline environments.

Xrock mini

IMPORTANT INFO FOR 24V VERSIONS

Light intensity control can be carried out using compatible PWM power supplies and/or controllers, such as:
• TRIAC: ATD24 IP67 series together with the PR350 trailing/ leading edge dimmer;
• DALI: AT24 IP67 DALI series together with the CASAMBI BasicDIM Wireless G2 controller;
• TUYA: AT24 IP44 TUYA series;
• AT24 IP67 series together with the basicDIM Wireless PWM CV 4CH constant-voltage wireless dimmer, TRIDONIC, controlled via the TRIDONIC/CASAMBI system protocol;
• other compatible protocols.

Controlul intensității luminoase se poate realiza folosind surse și/sau controllere PWM compatibile, precum:
• TRIAC: seria ATD24 IP67 împreună cu dimmerul trailing/leading edge PR350;
• DALI: seria AT24 IP67 DALI împreună cu controllerul CASAMBI BasicDIM Wireless G2;
• TUYA: seria AT24 IP44 TUYA;
• seria AT24 IP67 împreună cu dimmerul wireless pentru tensiune constantă basicDIM Wireless PWM CV 4CH, TRIDONIC, controlat prin protocolul sistemului TRIDONIC/CASAMBI;
• alte protocoale compatibile.

Il controllo dell'intensità luminosa può essere effettuato utilizzando alimentatori e/o controller PWM compatibili, come:
• TRIAC: serie ATD24 IP67 insieme al dimmer trailing/leading edge PR350;
• DALI: serie AT24 IP67 DALI insieme al controller CASAMBI BasicDIM Wireless G2;
• TUYA: serie AT24 IP44 TUYA;
• serie AT24 IP67 insieme al dimmer wireless a tensione costante basicDIM Wireless PWM CV 4CH, TRIDONIC, controllato tramite il protocollo del sistema TRIDONIC/CASAMBI;
• altri protocolli compatibili.

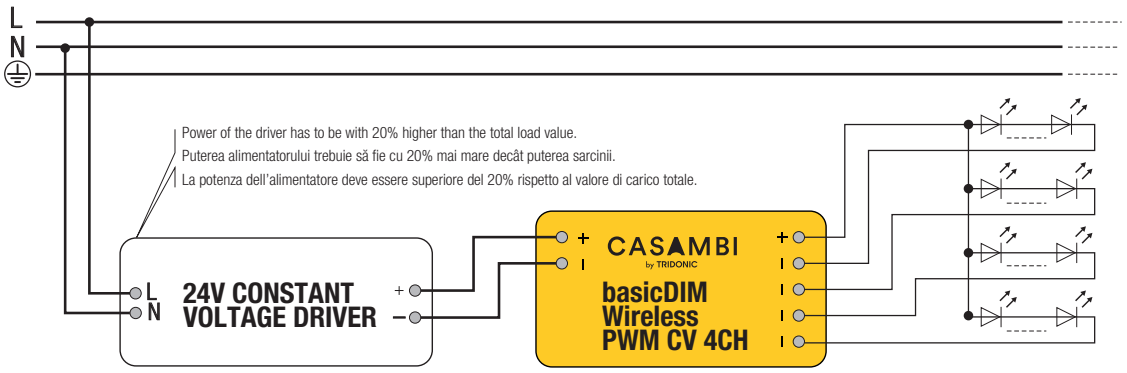
Регулировка интенсивности света может осуществляться с помощью совместимых ШИМ-источников питания и/или контроллеров, таких как:
• TRIAC: серия ATD24 IP67 вместе с диммером PR350 с регулировкой по заднему/переднему фронту;
• DALI: серия AT24 IP67 DALI вместе с беспроводным контроллером CASAMBI BasicDIM Wireless G2;
• TUYA: серия AT24 IP44 TUYA;
• серия AT24 IP67 вместе с беспроводным диммером постоянного напряжения basicDIM Wireless PWM CV 4CH, TRIDONIC, управляемым по системному протоколу TRIDONIC/CASAMBI;
• другие совместимые протоколы.

A fényintenzitás szabályozása kompatibilis PWM tápegységekkel és/vagy vezérlőkkel végezhető, mint például:
• TRIAC: ATD24 IP67 sorozat a PR350 lefutó/felfutó él fényerőszabályzóval együtt;
• DALI: AT24 IP67 DALI sorozat a CASAMBI BasicDIM Wireless G2 vezérlővel együtt;
• TUYA: AT24 IP44 TUYA sorozat;
• AT24 IP67 sorozat a basicDIM Wireless PWM CV 4CH állandó feszültségű vezeték nélküli fényerőszabályzóval, TRIDONIC-kal együtt, a TRIDONIC/CASAMBI rendszerprotokollon keresztül vezérelve;
• egyéb kompatibilis protokollok.

Контролът на интензитета на светлината може да се осъществи с помощта на съвместими PWM захранвания и/или контролери, като например:
• TRIAC: серия ATD24 IP67 заедно с димер PR350 с преден/заден фронт;
• DALI: серия AT24 IP67 DALI заедно с контролера CASAMBI BasicDIM Wireless G2;
• TUYA: серия AT24 IP44 TUYA;
• серия AT24 IP67 заедно с безжичния димер с постоянно напрежение basicDIM Wireless PWM CV 4CH, TRIDONIC, управляван чрез системния протокол TRIDONIC/CASAMBI;
• други съвместими протоколи.

Ovládanie intenzity svetla je možné vykonávať pomocou kompatibilných PWM napájacích zdrojov a/alebo ovládačov, ako napríklad:
• TRIAC: séria ATD24 IP67 spolu so stmievačom PR350 na nábehovej/zadnej hrane;
• DALI: séria AT24 IP67 DALI spolu s ovládačom CASAMBI BasicDIM Wireless G2;
• TUYA: séria AT24 IP44 TUYA;
• séria AT24 IP67 spolu s bezdrôtovým stmievačom s konštantným napätím basicDIM Wireless PWM CV 4CH, TRIDONIC, ovládaným systémovým protokolom TRIDONIC/CASAMBI;
• ďalšie kompatibilné protokoly.

WIRING DIAGRAM 24V DC USING CASAMBI DIMMER



XROCK projectors
Proiectoare XROCK
Proiettori XROCK

For outside the elements of the CASAMBI control system have to be installed in a min. IP67 protection box with cable glands for connections.
Pentru exterior componentele sistemului de control CASAMBI trebuiesc instalate într-o doză minim IP67, cu presetupe pentru conexiuni.
Per l'esterno gli elementi del sistema di controllo CASAMBI devono essere installati in una scatola minimo IP67 con pressacavi per connessioni.

On each channel the maximum number of the projectors is according to the maximum power available, 36W, in the case of a balanced installing. All the projectors installed on a channel are controlled simultaneously.
Pentru fiecare canal numărul maxim de proiectoare ce pot fi instalate este, în cazul montajului echilibrat, în funcție de puterea maximă de 36W. Toate proiectoarele instalate pe un canal sunt controlate simultan.
Su ogni canale il numero massimo di proiettori è in funzione della massima potenza disponibile, 36W, nel caso di un impianto equilibrato. Tutti i proiettori installati su un canale vengono comandati simultaneamente.

Max. output power is 144W for all the 4 channels.
Puterea maximă admisă este de 144W pentru toate cele 4 canale.
La potenza massima consentita è di 144W per tutti i 4 canali.

Recommended drivers at page 97.
Drivere recomandate la pagina 97.
Driver raccomandati a pagina 97.
Рекомендуемые светодиодные драйверы на странице 97.
Ajánlott LED-meghajtók a 97. oldalon.
Препоръчителни LED драйвери на страница 97.
Odporúčané LED drivery na strane 97.





Xrock

Adjustable projectors for outdoor, waterproof and dustproof protected (IP65), equipped with POWER LED or COB LED.
Die-cast aluminum body with anti-rust and anti-corrosion treatment by cataphoresis, electrostatically painted in dark grey, dark green or corten.
Versions with antiqued solid brass body for saline environments.
Optical system with PMMA FRESNEL lens, 30° or 38° standard dispersion angles.
Glass diffuser with screen-printed black border.
Delivered with IP68 connector.
On request it can be equipped with 10°, 15°, 24°, 40° și 60° lenses based on the projector type, connection base, picket, honeycomb antiglare device and asymmetrical snoot.
All accessories have to be ordered separately.

Proiectoare orientabile pentru exterior, protejate la praf și umiditate (IP65), echipate cu POWER LED sau cu LED COB.
Corp din aluminiu turnat sub presiune, cu tratament anti ruginã și anti coroziune prin cataforezã, vopsit în câmp electrostatic gri închis, verde închis sau corten.
Versiuni cu corp din alamă masivă antichizată pentru medii saline.
Sistem optic cu lentilă FRESNEL din PMMA, unghi de dispersie standard de 30° sau 38°.
Dispersor din sticlă cu bordură serigrafiată de culoare neagră.
Se livrează cu conector etanș IP68.
La cerere sunt disponibile lentile de 10°, 15°, 24°, 40° și 60° în funcție de modelul proiectorului, bază de conexiune, pichet, dispozitiv antiorbire tip honeycomb și vizor asimetric.
Toate accesoriile se comandă separat.

Proiettori orientabili da esterno, protetto da polvere e umidità (IP65), dotato di POWER LED o di LED COB.
Corpo in alluminio pressofuso con trattamento antiruggine e anticorrosione mediante cataforesi, verniciato a polveri grigio scuro , verde scuro o corten.
Versioni con corpo in ottone massiccio anticato per ambienti salini.
Sistema ottico con lente FRESNEL in PMMA, angolo di dispersione standard 30° o 38°.
Diffusore in vetro con bordo nero serigrafato.
Vengono forniti con connettore IP68.
A richiesta possono essere dotati di lenti da 10°, 15°, 24°, 40° și 60° in base al modello di proiettore, base di connessione, picchetto, dispositivo anti abbagliamento nido d'ape e cannocchiale asimmetrico.
Tutti gli accessori devono essere ordinati separatamente.

Регулируемые прожекторы для наружного освещения с защитой от проникновения воды и пыли (IP65), оснащённые светодиодами POWER LED или COB LED.
Корпус из литого под давлением алюминия с антикоррозионной обработкой методом катафореза и электростатическим порошковым покрытием.
Предусмотрены версии с корпусом из состаренной цельной латуни для эксплуатации в условиях солёной морской среды.
Оптическая система с линзой Френеля из ПММА; стандартные углы рассеивания — 30° или 38°.
Стеклянный рассеиватель с чёрной рамкой, нанесённой методом трафаретной печати.
Поставляется с разъёмом IP68.
По запросу, в зависимости от типа прожектора, может комплектоваться линзами с углами 10°, 15°, 24°, 40° и 60°, монтажным основанием, грунтовым колышком, антибликовой сотовой решёткой и асимметричным защитным козырьком.
Все аксессуары заказываются отдельно.

Állítható kültéri fényvetők, víz- és porálló kivitelben (IP65), POWER LED vagy COB LED fényforrással.
Présöntött alumínium ház, kataforézises rozsda- és korrózióvédelemmel, elektrosztatikus porszórással festve.
Sós környezetben történő használatra antikolt tömör sárgaréz házzal rendelkező változatok is elérhetők.
Optikai rendszer PMMA Fresnel-lencsével, alapkivitelben 30°-os vagy 38°-os sugárzási szöggel.
Üveg fényelosztó szitanyomott fekete szegéllyel.
IP68-as csatlakozóval szállítva.
Igény szerint, a fényvető típusától függően, 10°-os, 15°-os, 24°-os, 40°-os vagy 60°-os lencsékkel, csatlakozóalappal, talajba szúrható tüskével, méhsejtrácsos káprázásgátlóval és aszimmetrikus fényterelővel szerelhető fel.
Minden tartozékot külön kell megrendelni.

Регулируеми проекторни системи за външна употреба, водоустойчиви и прахоустойчиви (IP65), оборудвани с POWER LED или COB LED.
Корпус от лят алуминий с антикорозионна обработка чрез катафореза, електростатично боядисан.
Версии с корпус от масивен месинг с античен цвят за солена среда.
Оптична система с PMMA FRESNEL леща, стандартни ъгли на дисперсия 30° или 38°.
Стъклен дифузер с черна ситопечатна рамка.
Доставя се с IP68 конектор.
По заявка може да бъде оборудван с лещи 10°, 15°, 24°, 40° и 60° в зависимост от типа на проектора, основата за свързване, пикет, антирефлексно устройство тип „пчелна пита“ и асиметричния мундщук.
Всички аксесоари трябва да се поръчват отделно.

Nastaviteľné projektory pre vonkajšie použitie, vodotesné a prachotesné (IP65), vybavené POWER LED alebo COB LED.
Telo z tlakovo liateho hliníka s antikoróznou úpravou kataforézou, elektrostaticky lakované.
Verzie s telom z masívnej mosadze v antickej farbe pre slané prostredie. Optický systém s PMMA FRESNEL šošovkou, štandardné rozptylové uhly 30° alebo 38°.
Sklenený difúzor s čiernym sieťotlačovým okrajom.
Dodávané s konektorom IP68. Na požiadanie je možné vybaviť šošovkami 10°, 15°, 24°, 40° a 60° v závislosti od typu projektora, pripojovacej základne, tyče, voštinového antireflexného zariadenia a asymetrického nástavca.
Všetko príslušenstvo je potrebné objednať samostatne.

Recommended drivers at page 97.
Drivere recomandate la pagina 97.
Driver raccomandati a pagina 97.
Рекомендуемые светодиодные драйверы на странице 97.
Ajánlott LED-meghajtók a 97. oldalon.
Препоръчителни LED драйвери на страница 97.
Odporúčané LED drivery na strane 97.



Xrock

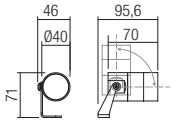
3/6W ANTI CORROSION MODELS

Cataphoresis treatment

FINISHING AVAILABLE

DG GN CT

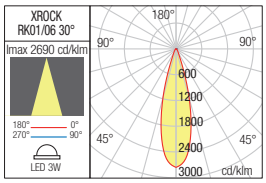


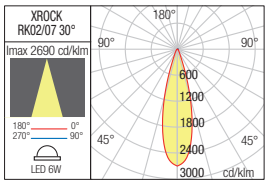


24V DC III IP65 IK06 TRIAC CASAMBI DALI TUYA

anti corrosion

Code	Type of LED	Input voltage	Power	Driver	LED flux	System flux	CCT	CRI	Optics
RK01UWW DG	POWER LED	24V DC	3W	Excluded	304 lm	251 lm	2700K	≥80	30°
RK01UWW GN	POWER LED	24V DC	3W	Excluded	304 lm	251 lm	2700K	≥80	30°
RK01UWW CT	POWER LED	24V DC	3W	Excluded	304 lm	251 lm	2700K	≥80	30°
RK01WW DG	POWER LED	24V DC	3W	Excluded	320 lm	264 lm	3000K	≥80	30°
RK01WW GN	POWER LED	24V DC	3W	Excluded	320 lm	264 lm	3000K	≥80	30°
RK01WW CT	POWER LED	24V DC	3W	Excluded	320 lm	264 lm	3000K	≥80	30°
RK02UWW DG	POWER LED	24V DC	6W	Excluded	665 lm	446 lm	2700K	≥80	30°
RK02UWW GN	POWER LED	24V DC	6W	Excluded	665 lm	446 lm	2700K	≥80	30°
RK02UWW CT	POWER LED	24V DC	6W	Excluded	665 lm	446 lm	2700K	≥80	30°
RK02WW DG	POWER LED	24V DC	6W	Excluded	700 lm	470 lm	3000K	≥80	30°
RK02WW GN	POWER LED	24V DC	6W	Excluded	700 lm	470 lm	3000K	≥80	30°
RK02WW CT	POWER LED	24V DC	6W	Excluded	700 lm	470 lm	3000K	≥80	30°







Accessories have to be ordered separately.

Antiglare Device



Code
RKHC1

Antiglare device “honeycomb” type.

Optical system



Code	Optic
RK1L10	10°
RK1L15	15°
RK1L40	40°
RK1L60	60°

FRESNEL lens of clear PMMA.

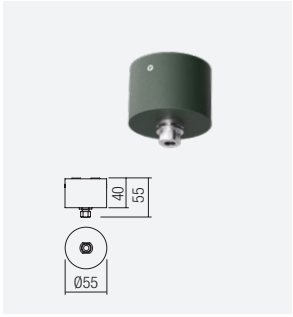
Asymetrical snoot



Code	Finishing
RKST1 DG	DG
RKST1 GN	GN
RKST1 CT	CT

Asymmetrical snoot, die-cast aluminum body with anti-rust and anti-corrosion protection treatment by cataphoresis, electrostatically painted.

Connection Base



Code	Finishing
RKB1 DG	DG
RKB1 GN	GN
RKB1 CT	CT

Die-cast aluminum body, with anti-rust and anti-corrosion treated by cataphoresis, electrostatically painted.

Polycarbonate Spike



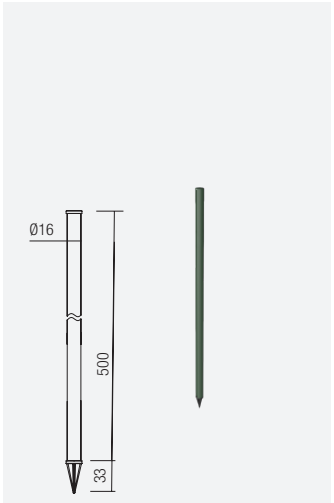
Code
RKSP1

Polycarbonate spike, black color, for mounting in the ground the projectors.

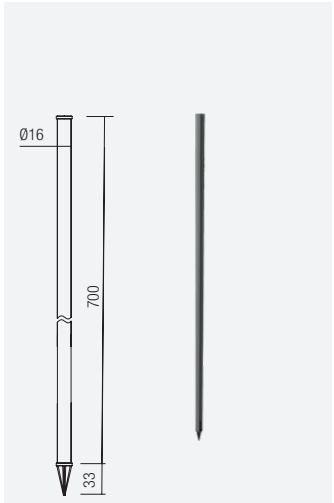


50, 70 or 100 cm Aluminum spike

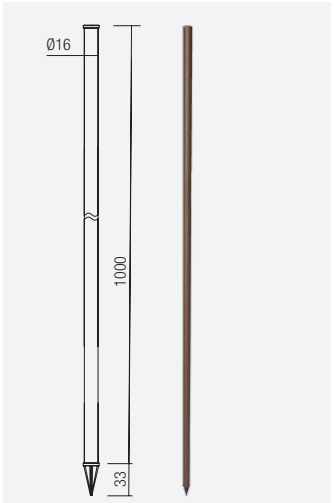
Spike for the XROCK RK01 and RK02 projectors range with a height of 50, 70 or 100 cm.
Aluminum body with anti-rust and anti-corrosion protection treatment by cataphoresis, electrostatically painted.



Code	Finishing
RKP50 DG	Dark Grey
RKP50 GN	Dark Green
RKP50 CT	Corten

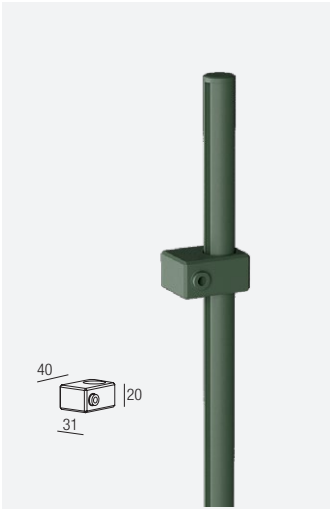


Code	Finishing
RKP70 DG	Dark Grey
RKP70 GN	Dark Green
RKP70 CT	Corten



Code	Finishing
RKP100 DG	Dark Grey
RKP100 GN	Dark Green
RKP100 CT	Corten

Spike adapter



Code	Finishing
RKAD DG	Dark Grey
RKAD GN	Dark Green
RKAD CT	Corten

Xrock



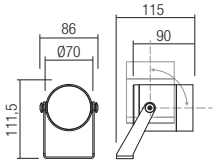
7/9W ANTI CORROSION MODELS

Cataphoresis treatment

FINISHING AVAILABLE

DG GN CT





24V DC IP65 IK06 TRIAC CASAMBI DALI TUYA

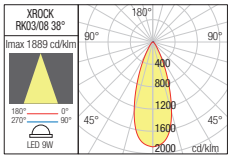
anti corrosion

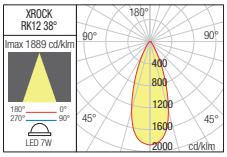
Code	Type of LED	Input voltage	Power	Driver	LED flux	System flux	CCT	CRI	Optics
RK03UWW DG	COB LED	24V DC	9W	Excluded	1045 lm	887 lm	2700K	≥80	38°
RK03UWW GN	COB LED	24V DC	9W	Excluded	1045 lm	887 lm	2700K	≥80	38°
RK03UWW CT	COB LED	24V DC	9W	Excluded	1045 lm	887 lm	2700K	≥80	38°
RK03WW DG	COB LED	24V DC	9W	Excluded	1100 lm	934 lm	3000K	≥80	38°
RK03WW GN	COB LED	24V DC	9W	Excluded	1100 lm	934 lm	3000K	≥80	38°
RK03WW CT	COB LED	24V DC	9W	Excluded	1100 lm	934 lm	3000K	≥80	38°

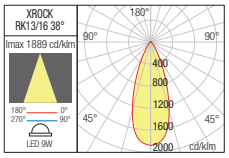
220-240V AC IP65 IK06 TRIAC SDCM 3 LED LIFETIME L80B10 50000h

anti corrosion

Code	Type of LED	Input voltage	Power	Driver	LED flux	System flux	CCT	CRI	Optics
RK12UWW DG	COB LED	220-240V AC	7W	Included	665 lm	558 lm	2700K	≥80	38°
RK12UWW GN	COB LED	220-240V AC	7W	Included	665 lm	558 lm	2700K	≥80	38°
RK12UWW CT	COB LED	220-240V AC	7W	Included	665 lm	558 lm	2700K	≥80	38°
RK12WW DG	COB LED	220-240V AC	7W	Included	700 lm	588 lm	3000K	≥80	38°
RK12WW GN	COB LED	220-240V AC	7W	Included	700 lm	588 lm	3000K	≥80	38°
RK12WW CT	COB LED	220-240V AC	7W	Included	700 lm	588 lm	3000K	≥80	38°
RK13UWW DG	COB LED	220-240V AC	9W	Included	1092 lm	917 lm	2700K	≥80	38°
RK13UWW GN	COB LED	220-240V AC	9W	Included	1092 lm	917 lm	2700K	≥80	38°
RK13UWW CT	COB LED	220-240V AC	9W	Included	1092 lm	917 lm	2700K	≥80	38°
RK13WW DG	COB LED	220-240V AC	9W	Included	1150 lm	965 lm	3000K	≥80	38°
RK13WW GN	COB LED	220-240V AC	9W	Included	1150 lm	965 lm	3000K	≥80	38°
RK13WW CT	COB LED	220-240V AC	9W	Included	1150 lm	965 lm	3000K	≥80	38°



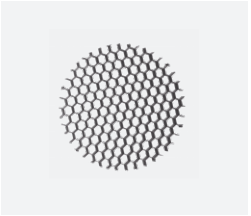






Accessories have to be ordered separately.

Antiglare Device



Code
RKHC2

Antiglare device "honeycomb" type.

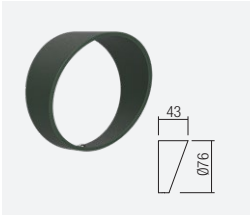
Optical system



Code	Optic
RK2L15	15°
RK2L24	24°
RK2L60	60°

FRESNEL lens of clear PMMA.

Asymetrical snoot



Code	Finishing
RKST2 DG	DG
RKST2 GN	GN
RKST2 CT	CT

Asymmetrical snoot, die-cast aluminum body with anti-rust and anti-corrosion protection treatment by cataphoresis, electrostatically painted.

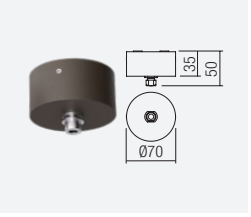
Polycarbonate Spike



Code
RKSP2

Polycarbonate spike, black color, for mounting in the ground.

Connection Base



Code	Finishing
RKB2 DG	DG
RKB2 GN	GN
RKB2 CT	CT

Die-cast aluminum body, with anti-rust and anti-corrosion treated by cataphoresis, electrostatically painted.

Xrock

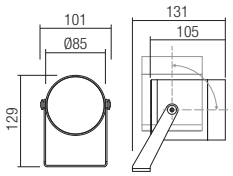
15/16/20/22W ANTI CORROSION MODELS

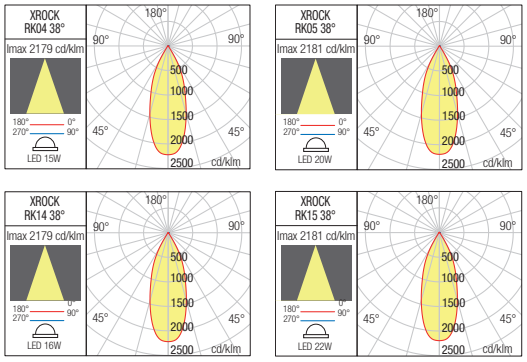
Cataphoresis treatment

FINISHING AVAILABLE

DG GN CT







24V DC | IP65 | IK06 | TRIAC | CASAMBI | DALI | TUYA | SDCM 3 | LED LIFETIME L80B10 50000h | anti corrosion

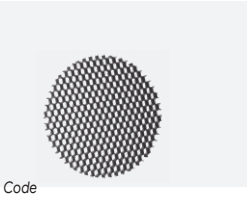
Code	Type of LED	Input voltage	Power	Driver	LED flux	System flux	CCT	CRI	Optics
RK04UWW DG	COB LED	24V DC	15W	Excluded	1757 lm	1164 lm	2700K	≥80	38°
RK04UWW GN	COB LED	24V DC	15W	Excluded	1757 lm	1164 lm	2700K	≥80	38°
RK04UWW CT	COB LED	24V DC	15W	Excluded	1757 lm	1164 lm	2700K	≥80	38°
RK04WW DG	COB LED	24V DC	15W	Excluded	1850 lm	1225 lm	3000K	≥80	38°
RK04WW GN	COB LED	24V DC	15W	Excluded	1850 lm	1225 lm	3000K	≥80	38°
RK04WW CT	COB LED	24V DC	15W	Excluded	1850 lm	1225 lm	3000K	≥80	38°
RK05UWW DG	COB LED	24V DC	20W	Excluded	2185 lm	1446 lm	2700K	≥80	38°
RK05UWW GN	COB LED	24V DC	20W	Excluded	2185 lm	1446 lm	2700K	≥80	38°
RK05UWW CT	COB LED	24V DC	20W	Excluded	2185 lm	1446 lm	2700K	≥80	38°
RK05WW DG	COB LED	24V DC	20W	Excluded	2300 lm	1529 lm	3000K	≥80	38°
RK05WW GN	COB LED	24V DC	20W	Excluded	2300 lm	1529 lm	3000K	≥80	38°
RK05WW CT	COB LED	24V DC	20W	Excluded	2300 lm	1529 lm	3000K	≥80	38°

220-240V AC | IP65 | IK06 | TRIAC | SDCM 3 | LED LIFETIME L80B10 50000h | anti corrosion

Code	Type of LED	Input voltage	Power	Driver	LED flux	System flux	CCT	CRI	Optics
RK14UWW DG	COB LED	220-240V AC	16W	Included	1710 lm	1136 lm	2700K	≥80	38°
RK14UWW GN	COB LED	220-240V AC	16W	Included	1710 lm	1136 lm	2700K	≥80	38°
RK14UWW CT	COB LED	220-240V AC	16W	Included	1710 lm	1136 lm	2700K	≥80	38°
RK14WW DG	COB LED	220-240V AC	16W	Included	1800 lm	1196 lm	3000K	≥80	38°
RK14WW GN	COB LED	220-240V AC	16W	Included	1800 lm	1196 lm	3000K	≥80	38°
RK14WW CT	COB LED	220-240V AC	16W	Included	1800 lm	1196 lm	3000K	≥80	38°
RK14NW DG	COB LED	220-240V AC	16W	Included	1854 lm	1237 lm	4000K	≥80	38°
RK14NW GN	COB LED	220-240V AC	16W	Included	1854 lm	1237 lm	4000K	≥80	38°
RK14NW CT	COB LED	220-240V AC	16W	Included	1854 lm	1237 lm	4000K	≥80	38°
RK15UWW DG	COB LED	220-240V AC	22W	Included	2214 lm	1470 lm	2700K	≥80	38°
RK15UWW GN	COB LED	220-240V AC	22W	Included	2214 lm	1470 lm	2700K	≥80	38°
RK15UWW CT	COB LED	220-240V AC	22W	Included	2214 lm	1470 lm	2700K	≥80	38°
RK15WW DG	COB LED	220-240V AC	22W	Included	2330 lm	1549 lm	3000K	≥80	38°
RK15WW GN	COB LED	220-240V AC	22W	Included	2330 lm	1549 lm	3000K	≥80	38°
RK15WW CT	COB LED	220-240V AC	22W	Included	2330 lm	1549 lm	3000K	≥80	38°
RK15NW DG	COB LED	220-240V AC	22W	Included	2400 lm	1599 lm	4000K	≥80	38°
RK15NW GN	COB LED	220-240V AC	22W	Included	2400 lm	1599 lm	4000K	≥80	38°
RK15NW CT	COB LED	220-240V AC	22W	Included	2400 lm	1599 lm	4000K	≥80	38°

Accessories have to be ordered separately.

Antiglare Device



Code
RKHC3

Antiglare device “honeycomb” type.

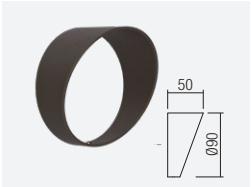
Optical system



Code	Optic
RK3L15	15°
RK3L24	24°
RK3L60	60°

FRESNEL lens of clear PMMA.

Asymetrical snoot



Code	Finishing
RKST3 DG	DG
RKST3 GN	GN
RKST3 CT	CT

Asymmetrical snoot, die-cast aluminum body with anti-rust and anti-corrosion protection treatment by cataphoresis, electrostatically painted.

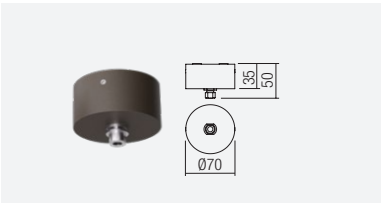
Polycarbonate Spike



Code
RKSP2

Polycarbonate spike, black color, for mounting in the ground.

Connection Base



Code	Finishing
RKB2 DG	DG
RKB2 GN	GN
RKB2 CT	CT

Die-cast aluminum body, with anti-rust and anti-corrosion treated by cataphoresis, electrostatically painted.

3/6W ANTIQUE SOLID BRASS MODELS

for saline environments

FINISHING AVAILABLE

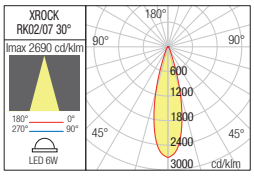
AB

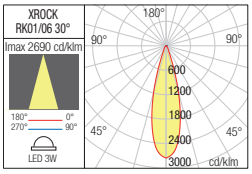


24V DC | III | IP65 | IK06 | TRIAC | CASAMBI | DALI | TUYA | SDCM 3 | LED LIFETIME L80B10 50000h

front sea suitable

Code	Type of LED	Input voltage	Power	Driver	LED flux	System flux	CCT	CRI	Optics
RK06UWW AB	POWER LED	24V DC	3W	Excluded	304 lm	251 lm	2700K	≥80	30°
RK06WW AB	POWER LED	24V DC	3W	Excluded	320 lm	264 lm	3000K	≥80	30°
RK07UWW AB	POWER LED	24V DC	6W	Excluded	665 lm	446 lm	2700K	≥80	30°
RK07WW AB	POWER LED	24V DC	6W	Excluded	700 lm	470 lm	3000K	≥80	30°





Accessories have to be ordered separately.

Antiglare Device



Code
RKHC1

Antiglare device "honeycomb" type.

Optical system



Code	Optic
RK1L10	10°
RK1L15	15°
RK1L40	40°
RK1L60	60°

FRESNEL lens of clear PMMA.

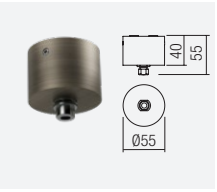
Asymetrical snoot



Code	Finishing
RKST1 AB	AB

Asymmetrical snoot, antiqued solid brass body for saline environments.

Connection Base



Code	Finishing
RKB1 AB	AB

Connection base antiqued solid brass body for saline environments.

Polycarbonate Spike



Code
RKSP1

Polycarbonate spike, black color, for mounting in the ground the projectors.

9W ANTIQUE SOLID BRASS MODELS

for saline environments

FINISHING AVAILABLE

AB



24V DC | III | IP65 | IK06 | TRIAC | CASAMBI | DALI | TUYA | SDCM 3 | LED LIFETIME L80B10 50000h

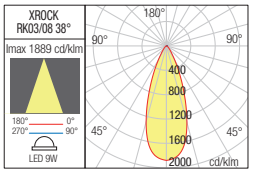
front sea suitable

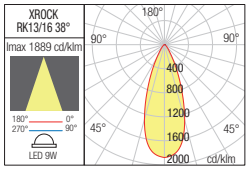
Code	Type of LED	Input voltage	Power	Driver	LED flux	System flux	CCT	CRI	Optics
RK08UWW AB	COB LED	24V DC	9W	Excluded	1045 lm	887 lm	2700K	≥80	38°
RK08WW AB	COB LED	24V DC	9W	Excluded	1100 lm	934 lm	3000K	≥80	38°

220-240V AC | IP65 | IK06 | TRIAC | SDCM 3 | LED LIFETIME L80B10 50000h

front sea suitable

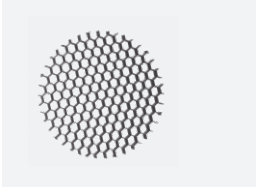
Code	Type of LED	Input voltage	Power	Driver	LED flux	System flux	CCT	CRI	Optics
RK16UWW AB	COB LED	220-240V AC	9W	Included	1092 lm	917 lm	2700K	≥80	38°
RK16WW AB	COB LED	220-240V AC	9W	Included	1150 lm	965 lm	3000K	≥80	38°





Accessories have to be ordered separately.

Antiglare Device



Code
RKHC2

Antiglare device "honeycomb" type.

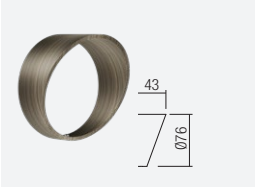
Optical system



Code	Optic
RK2L15	15°
RK2L24	24°
RK2L60	60°

FRESNEL lens of clear PMMA.

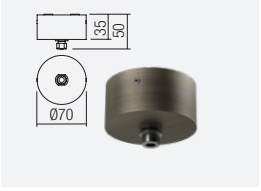
Asymetrical snoot



Code	Finishing
RKST2 AB	AB

Asymmetrical snoot, antiqued solid brass body for saline environments.

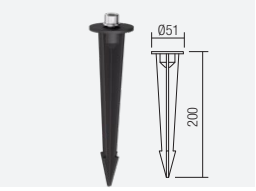
Connection Base



Code	Finishing
RKB2 AB	AB

Connection base antiqued solid brass body for saline environments.

Polycarbonate Spike



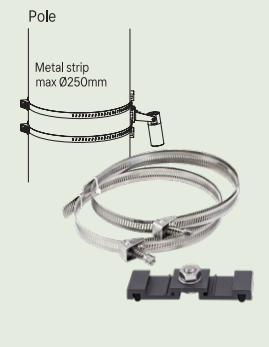
Code
RKSP2

Polycarbonate spike, black color, for mounting in the ground the projectors.

Xrock

ADDITIONAL ACCESSORIES SUITABLE FOR ALL XROCK MODELS

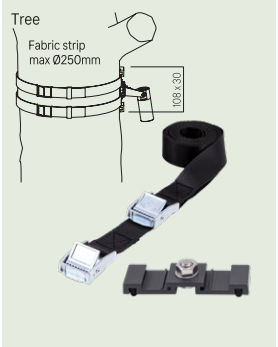
Pole metal fixing kit



Code
RK KIT PB

Mounting kit for fixing and anchoring XROCK projectors to poles.

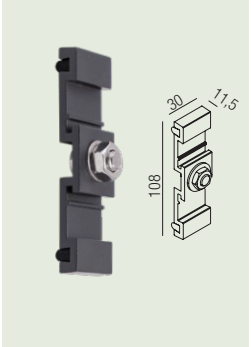
Tree fabric fixing kit



Code
RK KIT TB

Mounting kit for fixing and anchoring XROCK projectors to tree trunks.

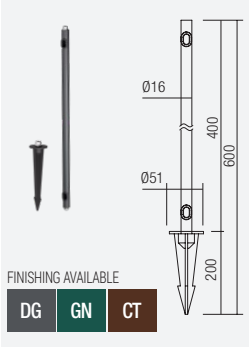
Tree/pole additional fixing plate



Code	Finishing
RK BLK	DG

Additional fixing plate for the RK KIT TB and RK KIT PB anchoring kit from the XROCK projector range

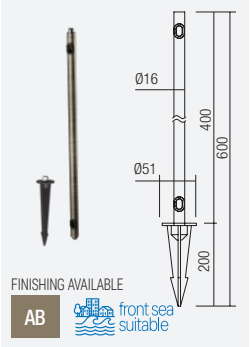
Extension with spike



Code	Finishing
RKSPE DG	DG
RKSPE GN	GN
RKSPE CT	CT

Tubular extension with spike, aluminum body with anti-rust and anti-corrosion treated by cataphoresis, electrostatically painted.

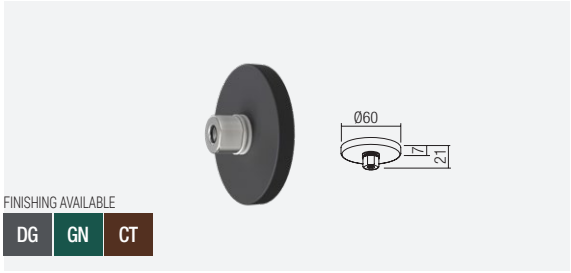
Antique solid brass extension with spike



Code	Finishing
RKSPE AB	AB

Tubular extension with spike, antiqued solid brass body for saline environments.

Magnetic base for metallic surface mounting

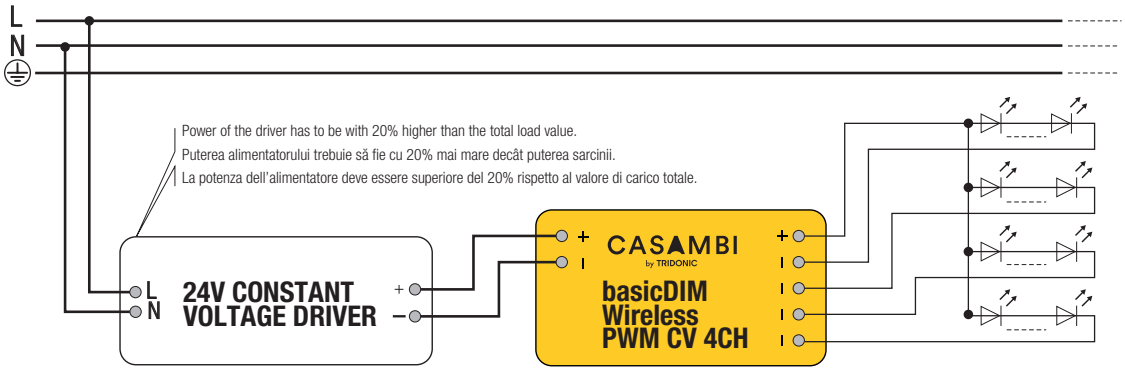


Code	Finishing
RKMB DG	DG
RKMB GN	GN
RKMB CT	CT

Magnetic mounting base, supports a maximum weight of 1,4Kg.



wiring diagram 24V DC using casambi dimmer



XROCK projectors
Proiectoare XROCK
Proiettori XROCK

For outside the elements of the CASAMBI control system have to be installed in a min. IP67 protection box with cable glands for connections.

Pentru exterior componentele sistemului de control CASAMBI trebuiesc instalate într-o doză minim IP67, cu presetupe pentru conexiuni.

Per l'esterno gli elementi del sistema di controllo CASAMBI devono essere installati in una scatola minimo IP67 con pressacavi per connessioni.

On each channel the maximum number of the projectors is according to the maximum power available, 36W, in the case of a balanced installing. All the projectors installed on a channel are controlled simultaneously.

Pentru fiecare canal numărul maxim de proiectoare ce pot fi instalate este, în cazul montajului echilibrat, în funcție de puterea maximă de 36W. Toate proiectoarele instalate pe un canal sunt controlate simultan.

Su ogni canale il numero massimo di proiettori è in funzione della massima potenza disponibile, 36W, nel caso di un impianto equilibrato. Tutti i proiettori installati su un canale vengono comandati simultaneamente.

Max. output power is 144W for all the 4 channels.

Puterea maximă admisă este de 144W pentru toate cele 4 canale.

La potenza massima consentita è di 144W per tutti i 4 canali.

IMPORTANT INFO FOR 24V VERSIONS

Light intensity control can be carried out using compatible PWM power supplies and/or controllers, such as:
• TRIAC: ATD24 IP67 series together with the PR350 trailing/ leading edge dimmer;
• DALI: AT24 IP67 DALI series together with the CASAMBI BasicDIM Wireless G2 controller;
• TUYA: AT24 IP44 TUYA series;
• AT24 IP67 series together with the basicDIM Wireless PWM CV 4CH constant-voltage wireless dimmer, TRIDONIC, controlled via the TRIDONIC/CASAMBI system protocol;
• other compatible protocols.

Controlul intensității luminoase se poate realiza folosind surse și/sau controllere PWM compatibile, precum:
• TRIAC: seria ATD24 IP67 împreună cu dimmerul trailing/leading edge PR350;
• DALI: seria AT24 IP67 DALI împreună cu controllerul CASAMBI BasicDIM Wireless G2;
• TUYA: seria AT24 IP44 TUYA;
• seria AT24 IP67 împreună cu dimmerul wireless pentru tensiune constantă basicDIM Wireless PWM CV 4CH, TRIDONIC, controlat prin protocolul sistemului TRIDONIC/CASAMBI;
• alte protocoale compatibile.

Il controllo dell'intensità luminosa può essere effettuato utilizzando alimentatori e/o controller PWM compatibili, come:
• TRIAC: serie ATD24 IP67 insieme al dimmer trailing/leading edge PR350;
• DALI: serie AT24 IP67 DALI insieme al controller CASAMBI BasicDIM Wireless G2;
• TUYA: serie AT24 IP44 TUYA;
• serie AT24 IP67 insieme al dimmer wireless a tensione costante basicDIM Wireless PWM CV 4CH, TRIDONIC, controllato tramite il protocollo del sistema TRIDONIC/CASAMBI;
• altri protocolli compatibili.

Регулировка интенсивности света может осуществляться с помощью совместимых ШИМ-источников питания и/или контроллеров, таких как:
• TRIAC: серия ATD24 IP67 вместе с диммером PR350 с регулировкой по заднему/переднему фронту;
• DALI: серия AT24 IP67 DALI вместе с беспроводным контроллером CASAMBI BasicDIM Wireless G2;
• TUYA: серия AT24 IP44 TUYA;
• серия AT24 IP67 вместе с беспроводным диммером постоянного напряжения basicDIM Wireless PWM CV 4CH, TRIDONIC, управляемым по системному протоколу TRIDONIC/CASAMBI;
• другие совместимые протоколы.

A fényintenzitás szabályozása kompatibilis PWM tápegységekkel és/vagy vezérlőkkel végezhető, mint például:
• TRIAC: ATD24 IP67 sorozat a PR350 lefutó/felfutó él fényerőszabályzóval együtt;
• DALI: AT24 IP67 DALI sorozat a CASAMBI BasicDIM Wireless G2 vezérlővel együtt;
• TUYA: AT24 IP44 TUYA sorozat;
• AT24 IP67 sorozat a basicDIM Wireless PWM CV 4CH állandó feszültségű vezeték nélküli fényerőszabályzóval, TRIDONIC-kal együtt, a TRIDONIC/CASAMBI rendszerprotokollon keresztül vezérelve;
• egyéb kompatibilis protokollok.

Контролът на интензитета на светлината може да се осъществи с помощта на съвместими PWM захранвания и/или контролери, като например:
• TRIAC: серия ATD24 IP67 заедно с димер PR350 с преден/заден фронт;
• DALI: серия AT24 IP67 DALI заедно с контролера CASAMBI BasicDIM Wireless G2;
• TUYA: серия AT24 IP44 TUYA;
• серия AT24 IP67 заедно с безжичния димер с постоянно напрежение basicDIM Wireless PWM CV 4CH, TRIDONIC, управляван чрез системния протокол TRIDONIC/CASAMBI;
• други съвместими протоколи.

Ovládanie intenzity svetla je možné vykonávať pomocou kompatibilných PWM napájacích zdrojov a/alebo ovládačov, ako napríklad:
• TRIAC: séria ATD24 IP67 spolu so stmievačom PR350 na nábehovej/zadnej hrane;
• DALI: séria AT24 IP67 DALI spolu s ovládačom CASAMBI BasicDIM Wireless G2;
• TUYA: séria AT24 IP44 TUYA;
• séria AT24 IP67 spolu s bezdrôtovým stmievačom s konštantným napätím basicDIM Wireless PWM CV 4CH, TRIDONIC, ovládaným systémovým protokolom TRIDONIC/CASAMBI;
• ďalšie kompatibilné protokoly.ee

IMPORTANT INFO FOR 220-240V AC VERSIONS

The versions powered directly at 220-240V AC are equipped with TRIAC dimmable constant current drivers, which can also be used together with the Arelux PR350 dimmer (in a minimum IP65 box).

Versiunile alimentate direct la 220-240V AC sunt dotate cu alimentatoare în curent constant dimabile TRIAC, putând fi utilizate de asemenea împreună cu dimmer-ul Arelux PR350 (într-o casetă protejată minim IP65).

Le versioni alimentate direttamente a 220-240V AC sono dotate di driver a corrente costante dimmerabile TRIAC, utilizzabili anche insieme al dimmer Arelux PR350 (è necessaria una scatola di connessione con grado minimo IP65).

Версии, питающиеся непосредственно от сети переменного тока 220-240 В, оснащены диммируемыми драйверами постоянного тока на основе триаков, которые также могут использоваться совместно с диммером Arelux PR350 (в корпусе с минимальной степенью защиты IP65).

A közvetlenül 220-240V AC feszültségről táplált változatok TRIAC szabályozható, állandó áramerősségű meghajtókkal vannak felszerelve, amelyek az Arelux PR350 fényerőszabályzóval együtt is használhatók (minimum IP65-ös dobozban).

Версиите, захранвани директно с 220-240V AC, са оборудвани с TRIAC димируеми драйвери за постоянен ток, които могат да се използват и заедно с димера Arelux PR350 (в кутия със защита минимум IP65).

Verzie napájané priamo z napätia 220 – 240 V AC sú vybavené stmievateľnými TRIAC ovládačmi konštantného prúdu, ktoré je možné použiť aj spolu so stmievačom Arelux PR350 (v krytí minimálne IP65).

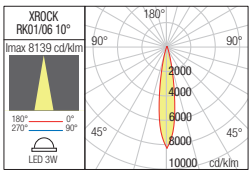
Recommended drivers at page 97.
Drivere recomandate la pagina 97.
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Рекомендуемые светодиодные драйверы на странице 97.
Ajánlott LED-meghajtók a 97. oldalon.
Препоръчителни LED драйвери на страница 97.
Odporúčané LED drivery na strane 97.

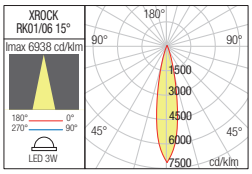
Xrock

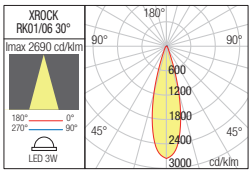


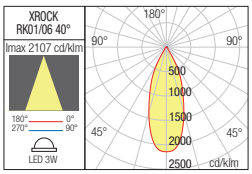
Additional photometric data

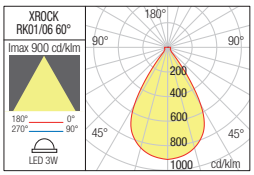
RK01/ RK06



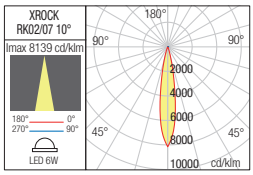


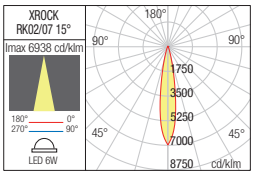


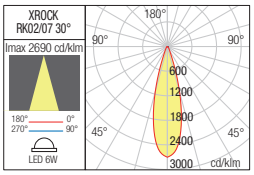


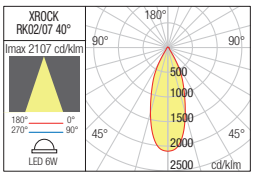


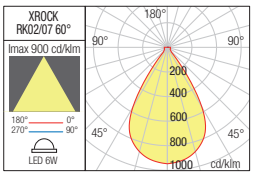
RK02/ RK07



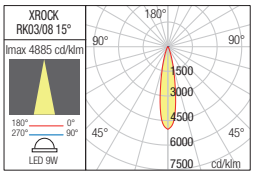


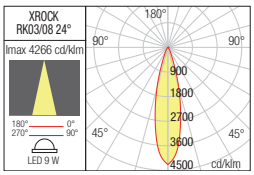


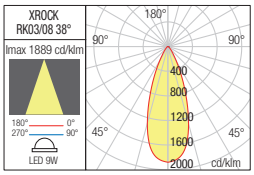


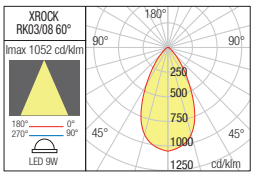


RK03/ RK08

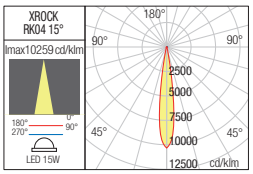


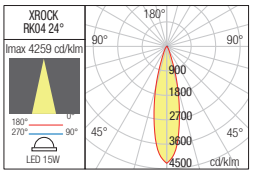


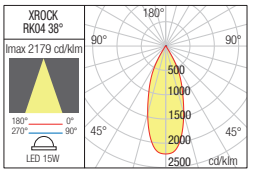


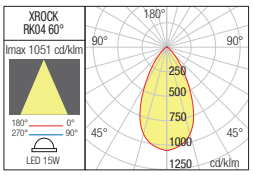


RK04

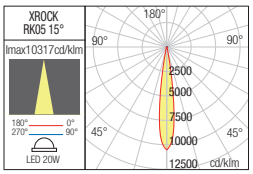


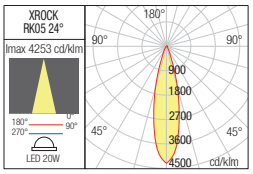


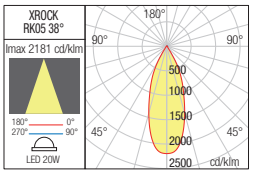


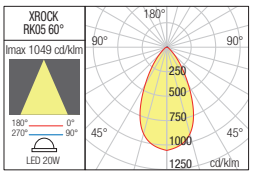


RK05

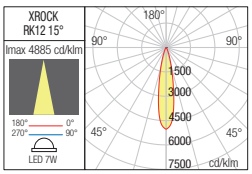


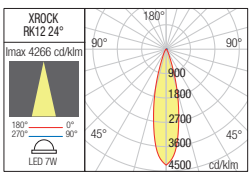


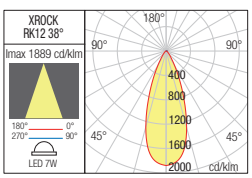


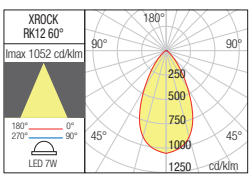


RK12

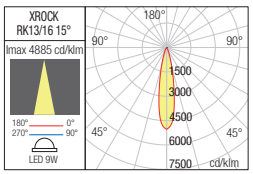


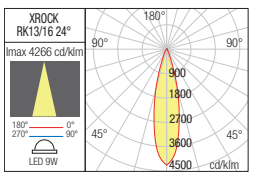


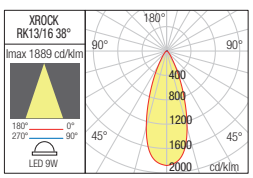


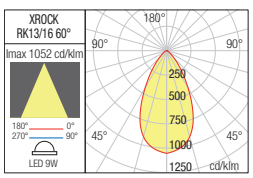


RK13/ RK16

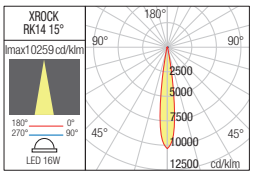


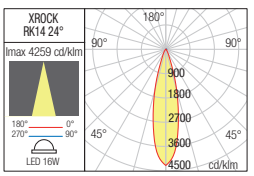


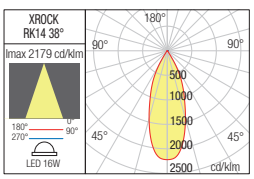


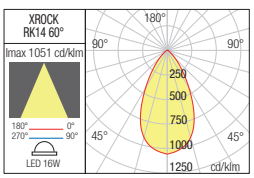


RK14

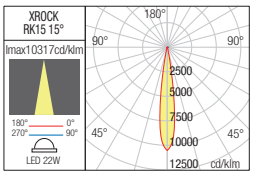


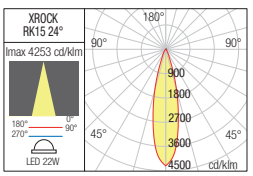


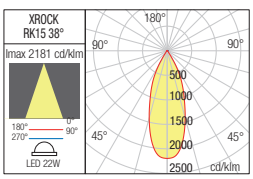


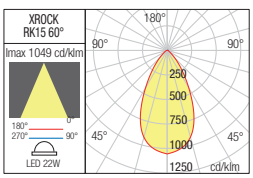


RK15









Xrock square

Adjustable mini projectors for outdoor, waterproof and dustproof protected (IP65), equipped with POWER LED or COB LED.
Die-cast aluminum body with anti-rust and anti-corrosion protection treatment by cataphoresis, electrostatically painted in dark grey, dark green or corten.
Optical system with PMMA FRESNEL lens, 30° or 38° dispersion angle.
Glass diffuser with screen-printed black border.
Delivered with IP68 connector.
On request the fixtures can be equipped with 5°, 6°, 10°, 15°, 24 °, 40° and 60° lenses, connection base, picket, honeycomb and asymmetrical snoot.
All accessories have to be ordered separately.

Miniproiectoare orientabile pentru exterior, protejate la praf și umiditate (IP65), echipate cu POWER LED sau cu LED COB.
Corp din aluminiu turnat sub presiune, cu tratament de protecție antirugină și anticoroziune prin cataforeză, vopsit în câmp electrostatic, culoare gri închis, verde închis sau corten.
Sistem optic cu lentilă FRESNEL din PMMA, unghi de dispersie de 30° sau 38°.
Dispersor din sticlă cu bordură serigrafiată de culoare neagră.
Se livrează cu conector etanș IP68.
La cerere poate fi echipat cu lentile de 5°, 6°, 10°, 15°, 24 °, 40° și 60°, bază de conexiune, pichet, honeycomb și vizor asimetric.
Toate accesoriile se comandă separat.

Mini proiettori orientabili da esterno, protetti da polvere e umidità (IP65), dotato di POWER LED o di LED COB.
Corpo in alluminio pressofuso con trattamento protettivo antiruggine e anticorrosione mediante cataforesi, verniciato a polveri colore grigio scuro, verde scuro o corten.
Sistema ottico con lente FRESNEL in PMMA, angolo di dispersione 30° o 38°.
Diffusore in vetro con bordo nero serigrafato.
Forniti con connettore IP68.
A richiesta possono essere dotati di lenti da 5°, 6°, 10°, 15°, 24 °, 40° e 60°, base di connessione, picchetto, nido d'ape e cannocchiale asimmetrico.
Tutti gli accessori devono essere ordinati separatamente.

Поворотные мини-прожекторы для наружного освещения, защищенные от пыли и влаги (IP65), оснащенные POWER LED или COB LED.
Корпус из литого под давлением алюминия с антикоррозионной и противоржавчинной защитой методом катафореза, окрашенный в электростатическом поле в темно-серый, темно-зеленый или ржаво-оранжевый.
Оптическая система с линзой FRESNEL из ПММА, угол рассеивания 30° или 38°.
Рассеиватель из стекла с шелкографически нанесенной черной окантовкой.
Поставляется с герметичным коннектором IP68.
По запросу может быть оснащен 5°, 6°, 10°, 15°, 24°, 40° и 60°-линзами, соединительным основанием, пикой, сотовой решеткой (honeycomb) и асимметричным козырьком.
Все аксессуары заказываются отдельно.

Kültéri, POWER LED-es vagy COB LED-e, állítható minireflektorok, por- és nedvességvédelemmel (IP65).
Nyomás alatt öntött alumínium ház, kataforézises korrózió- és rozsdavédő kezeléssel, sötétszürke, sötétzöld vagy corten színű, porfestett felülettel.
Optikai rendszer FRESNEL PMMA lencsével, 30°-os vagy 38°-os sugárzási szöggel.
Üveg diszperzór fekete, szitanyomott szegéllyel. IP68-as védettségű csatlakozóval szállítva.
Kérésre 5°, 6°, 10°, 15°, 24 °, 40° és 60° lencsével, csatlakozó alappal, rögzítőcövekkel, lépsejtes (honeycomb) betéttel és aszimmetrikus fényterelővel szerelhető.
Minden tartozék külön rendelhető.

Регулируеми мини прожектори за екстериор, защитени от прах и влага (IP65), оборудвани с POWER LED или COB.
Алуминиево тяло, излято под налягане, със защитна обработка против ръжда и корозия чрез катафореза, боядисано в електростатично поле в тъмно сиво, тъмно зелено или кортен.
Оптична система с леща FRESNEL от PMMA, ъгъл на дисперсия 30° или 38°.
Дифузер от стъкло със ситопечатен кант в черен цвят.
Доставя се с херметичен конектор IP68.
По заявка може да бъде оборудван с лещи 5°, 6°, 10°, 15°, 24°, 40° и 60°, свързваща основа, колче, пчелна решетка и асиметричен визьор.
Всички аксесоари се поръчват отделно.

Nastaviteľné mini projektory do exteriéru, vodotesné a prachotesné (IP65), vybavené POWER LED alebo COB LED.
Telo z tlakovo liateho hliníka s antikoróznou úprav ou kataforézou, elektrostaticky lakované v tmavosivej, tmavozelenej alebo kortenovej farbe.
Optický systém s PMMA FRESNELOVOU šošovkou, rozptylový uhol 30° alebo 38°.
Sklenený difúzor s čiernym sieťotlačovým okrajom.
Dodávané s konektorom IP68.
Na požiadanie je možné svietidlá vybaviť šošovkami 5°, 6°, 10°, 15°, 24 °, 40° a 60°, pripojovacou základňou, tyčkou, voštinovým tvarom a asymetrickým náhubkom.
Všetko príslušenstvo je potrebné objednať samostatne.

Recommended drivers at page 97.
Drivere recomandate la pagina 97.
Driver raccomandati a pagina 97.
Рекомендуемые светодиодные драйверы на странице 97.
Ajánlott LED-meghajtók a 97. oldalon.
Препоръчителни LED драйвери на страница 97.
Odporúčané LED drivery na strane 97.



Xrock square





Xrock square

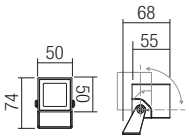
3/6W ANTI CORROSION MODELS

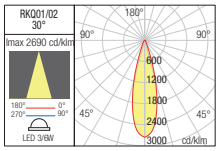
Cataphoresis treatment

FINISHING AVAILABLE

DG GN CT







24V DC | III | IP65 | IK06 | TRIAC | CASAMBI | DALI | TUYA | SDCM 3 | LED LIFETIME L80B10 50000h | anti corrosion

Code	Type of LED	Input voltage	Power	Driver	LED flux	System flux	CCT	CRI	Optics
RKQ01UWW DG	POWER LED	24V DC	3W	Excluded	304 lm	251 lm	2700K	≥80	30°
RKQ01UWW GN	POWER LED	24V DC	3W	Excluded	304 lm	251 lm	2700K	≥80	30°
RKQ01UWW CT	POWER LED	24V DC	3W	Excluded	304 lm	251 lm	2700K	≥80	30°
RKQ01WW DG	POWER LED	24V DC	3W	Excluded	320 lm	264 lm	3000K	≥80	30°
RKQ01WW GN	POWER LED	24V DC	3W	Excluded	320 lm	264 lm	3000K	≥80	30°
RKQ01WW CT	POWER LED	24V DC	3W	Excluded	320 lm	264 lm	3000K	≥80	30°
RKQ02UWW DG	POWER LED	24V DC	6W	Excluded	665 lm	446 lm	2700K	≥80	30°
RKQ02UWW GN	POWER LED	24V DC	6W	Excluded	665 lm	446 lm	2700K	≥80	30°
RKQ02UWW CT	POWER LED	24V DC	6W	Excluded	665 lm	446 lm	2700K	≥80	30°
RKQ02WW DG	POWER LED	24V DC	6W	Excluded	700 lm	470 lm	3000K	≥80	30°
RKQ02WW GN	POWER LED	24V DC	6W	Excluded	700 lm	470 lm	3000K	≥80	30°
RKQ02WW CT	POWER LED	24V DC	6W	Excluded	700 lm	470 lm	3000K	≥80	30°

Accessories

have to be ordered separately.

Optical system



Code	Optic
RK1L10	10°
RK1L15	15°
RK1L40	40°
RK1L60	60°

FRESNEL lens of clear PMMA.

Antiglare Device



Code
RKHC1

Antiglare device "honeycomb" type.

Polycarbonate spike



Code	Finishing
RKSP1	BK

Polycarbonate spike, black color, for mounting in the ground.

Asymetrical snoot



Code	Finishing
RKQST1 DG	DG
RKQST1 GN	GN
RKQST1 CT	CT

Asymmetrical snoot, aluminum anti-rust and anti-corrosion treatment by cataphoresis, electrostatically painted.

Connection base



Code	Finishing
RKQB1 DG	DG
RKQB1 GN	GN
RKQB1 CT	CT

Square connection base, dimension: 75 x 75 x H36/53mm

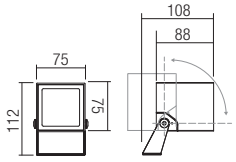
9W ANTI CORROSION MODELS

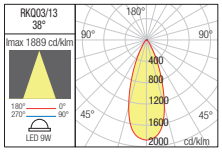
Cataphoresis treatment

FINISHING AVAILABLE

DG GN CT







24V DC | III | IP65 | IK06 | TRIAC | CASAMBI | DALI | TUYA | SDCM 3 | LED LIFETIME L80B10 50000h | anti corrosion

Code	Type of LED	Input voltage	Power	Driver	LED flux	System flux	CCT	CRI	Optics
RKQ03UWW DG	COB LED	24V DC	9W	Excluded	1045 lm	887 lm	2700K	≥80	38°
RKQ03UWW GN	COB LED	24V DC	9W	Excluded	1045 lm	887 lm	2700K	≥80	38°
RKQ03UWW CT	COB LED	24V DC	9W	Excluded	1045 lm	887 lm	2700K	≥80	38°
RKQ03WW DG	COB LED	24V DC	9W	Excluded	1100 lm	934 lm	3000K	≥80	38°
RKQ03WW GN	COB LED	24V DC	9W	Excluded	1100 lm	934 lm	3000K	≥80	38°
RKQ03WW CT	COB LED	24V DC	9W	Excluded	1100 lm	934 lm	3000K	≥80	38°

220-240V AC | P65 | IK06 | TRIAC | SDCM 3 | LED LIFETIME L80B10 50000h | anti corrosion

Code	Type of LED	Input voltage	Power	Driver	LED flux	System flux	CCT	CRI	Optics
RKQ13UWW DG	COB LED	220-240V AC	9W	Included	1092 lm	917 lm	2700K	≥80	38°
RKQ13UWW GN	COB LED	220-240V AC	9W	Included	1092 lm	917 lm	2700K	≥80	38°
RKQ13UWW CT	COB LED	220-240V AC	9W	Included	1092 lm	917 lm	2700K	≥80	38°
RKQ13WW DG	COB LED	220-240V AC	9W	Included	1150 lm	965 lm	3000K	≥80	38°
RKQ13WW GN	COB LED	220-240V AC	9W	Included	1150 lm	965 lm	3000K	≥80	38°
RKQ13WW CT	COB LED	220-240V AC	9W	Included	1150 lm	965 lm	3000K	≥80	38°

Accessories

have to be ordered separately.

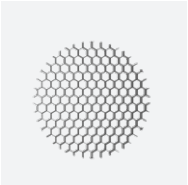
Optical system



Code	Optic
RKQ2L6	6°
RK2L15	15°
RK2L24	24°
RK2L60	60°

FRESNEL lens of clear PMMA.

Antiglare Device



Code
RKHC2

Antiglare device "honeycomb" type.

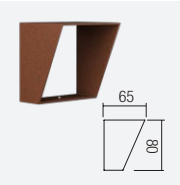
Polycarbonate spike



Code	Finishing
RKSP2	BK

Polycarbonate spike, black color, for mounting in the ground.

Asymetrical snoot



Code	Finishing
RKQST2 DG	DG
RKQST2 GN	GN
RKQST2 CT	CT

Asymmetrical snoot, aluminum anti-rust and anti-corrosion treatment by cataphoresis, electrostatically painted.

Connection base



Code	Finishing
RKQB2 DG	DG
RKQB2 GN	GN
RKQB2 CT	CT

Square connection base dimension: 75 x 75 x H36/53mm.

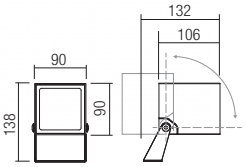
16/20/22W ANTI CORROSION MODELS

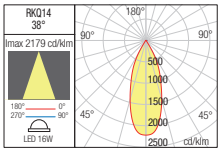
Cataphoresis treatment

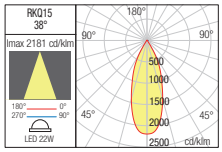
FINISHING AVAILABLE

DG GN CT









24V DC | IP65 | IK06 | TRIAC | CASAMBI | DALI | TUYA | SDCM 3 | LED LIFETIME L80B10 50000h

anti corrosion

Code	Type of LED	Input voltage	Power	Driver	LED flux	System flux	CCT	CRI	Optics
RKQ05UWW DG	COB LED	24V DC	20W	Excluded	2185 lm	1446 lm	2700K	≥80	38°
RKQ05UWW GN	COB LED	24V DC	20W	Excluded	2185 lm	1446 lm	2700K	≥80	38°
RKQ05UWW CT	COB LED	24V DC	20W	Excluded	2185 lm	1446 lm	2700K	≥80	38°
RKQ05WW DG	COB LED	24V DC	20W	Excluded	2300 lm	1529 lm	3000K	≥80	38°
RKQ05WW GN	COB LED	24V DC	20W	Excluded	2300 lm	1529 lm	3000K	≥80	38°
RKQ05WW CT	COB LED	24V DC	20W	Excluded	2300 lm	1529 lm	3000K	≥80	38°

220-240V AC | IP65 | IK06 | TRIAC | SDCM 3 | LED LIFETIME L80B10 50000h

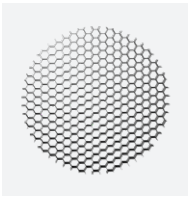
anti corrosion

Code	Type of LED	Input voltage	Power	Driver	LED flux	System flux	CCT	CRI	Optics
RKQ14UWW DG	COB LED	220-240V AC	16W	Included	1710 lm	1136 lm	2700K	≥80	38°
RKQ14UWW GN	COB LED	220-240V AC	16W	Included	1710 lm	1136 lm	2700K	≥80	38°
RKQ14UWW CT	COB LED	220-240V AC	16W	Included	1710 lm	1136 lm	2700K	≥80	38°
RKQ14WW DG	COB LED	220-240V AC	16W	Included	1800 lm	1196 lm	3000K	≥80	38°
RKQ14WW GN	COB LED	220-240V AC	16W	Included	1800 lm	1196 lm	3000K	≥80	38°
RKQ14WW CT	COB LED	220-240V AC	16W	Included	1800 lm	1196 lm	3000K	≥80	38°
RKQ14NW DG	COB LED	220-240V AC	16W	Included	1854 lm	1237 lm	4000K	≥80	38°
RKQ14NW GN	COB LED	220-240V AC	16W	Included	1854 lm	1237 lm	4000K	≥80	38°
RKQ14NW CT	COB LED	220-240V AC	16W	Included	1854 lm	1237 lm	4000K	≥80	38°
RKQ15UWW DG	COB LED	220-240V AC	22W	Included	2214 lm	1470 lm	2700K	≥80	38°
RKQ15UWW GN	COB LED	220-240V AC	22W	Included	2214 lm	1470 lm	2700K	≥80	38°
RKQ15UWW CT	COB LED	220-240V AC	22W	Included	2214 lm	1470 lm	2700K	≥80	38°
RKQ15WW DG	COB LED	220-240V AC	22W	Included	2330 lm	1549 lm	3000K	≥80	38°
RKQ15WW GN	COB LED	220-240V AC	22W	Included	2330 lm	1549 lm	3000K	≥80	38°
RKQ15WW CT	COB LED	220-240V AC	22W	Included	2330 lm	1549 lm	3000K	≥80	38°
RKQ15NW DG	COB LED	220-240V AC	22W	Included	2400 lm	1599 lm	4000K	≥80	38°
RKQ15NW GN	COB LED	220-240V AC	22W	Included	2400 lm	1599 lm	4000K	≥80	38°
RKQ15NW CT	COB LED	220-240V AC	22W	Included	2400 lm	1599 lm	4000K	≥80	38°

Accessories

have to be ordered separately.

Antiglare Device



Code
RKHC3

Antiglare device "honeycomb" type.

Optical system



Code	Optic
RKQ3L5	5°
RK3L15	15°
RK3L24	24°
RK3L60	60°

FRESNEL lens of clear PMMA.

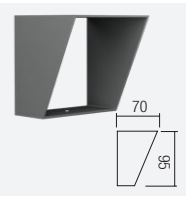
Polycarbonate spike



Code	Finishing
RKSP2	BK

Polycarbonate spike, black color, for mounting in the ground.

Asymetrical snoot



Code	Finishing
RKQST3 DG	DG
RKQST3 GN	GN
RKQST3 CT	CT

Asymmetrical snoot, aluminum anti-rust and anti-corrosion treatment by cataphoresis, electrostatically painted.

Connection base



Code	Finishing
RKQB2 DG	DG
RKQB2 GN	GN
RKQB2 CT	CT

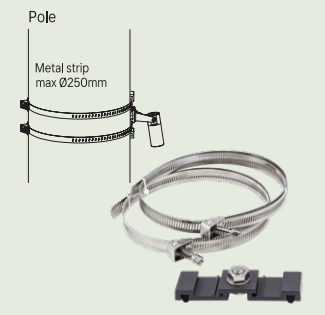
Square connection base, dimension: 75 x 75 x H36/53mm



Xrock square

ADDITIONAL ACCESSORIES SUITABLE FOR ALL XROCK SQUARE MODELS

Pole metal fixing kit



Code
RK KIT PB

Mounting kit for fixing and anchoring XROCK projectors to poles.

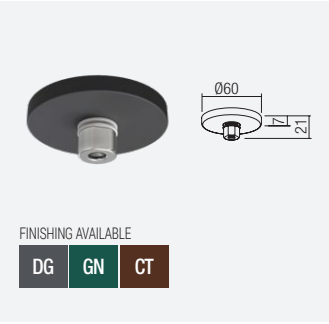
Tree fabric fixing kit



Code
RK KIT TB

Mounting kit for fixing and anchoring XROCK projectors to tree trunks.

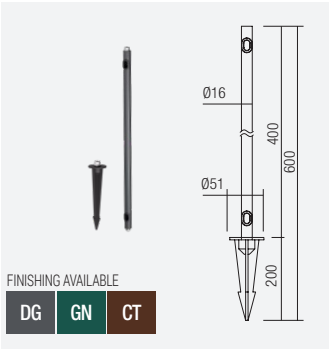
Magnetic base for metallic surface fixing



Code	Finishing
RKMB DG	DG
RKMB GN	GN
RKMB CT	CT

Magnetic mounting base, supports a maximum weight of 1,4Kg.

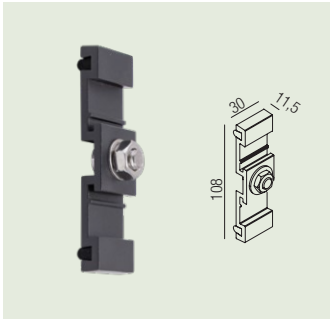
Extension with spike



Code	Finishing
RKSPE DG	DG
RKSPE GN	GN
RKSPE CT	CT

Tubular extension with spike, aluminum body with anti-rust and anti-corrosion treated by cataphoresis, electrostatically painted.

Tree/pole additional fixing plate

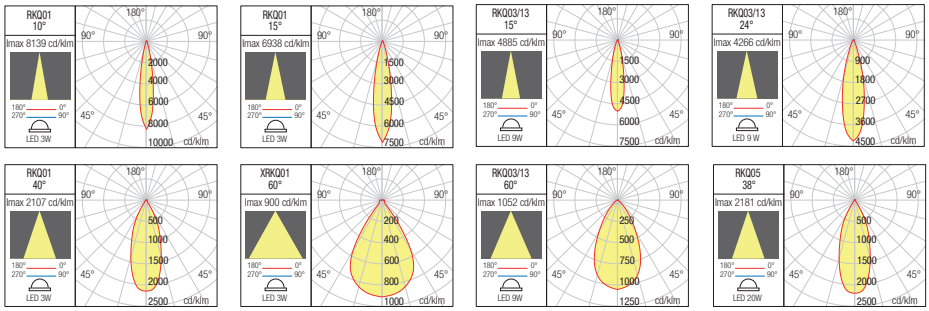


Code	Finishing
RK BLK	DG

Additional fixing plate for the RK KIT TB and RK KIT PB anchoring kit from the XROCK projector range

Additional photometric data

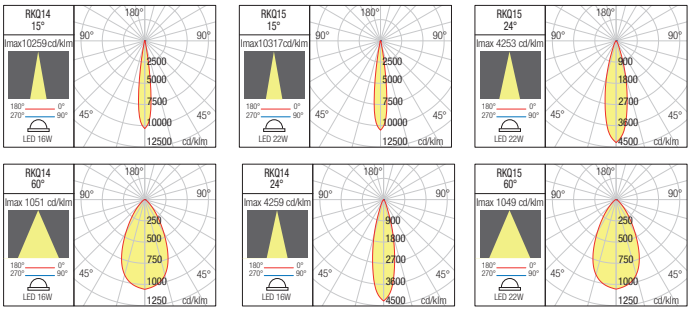
RKQ01



RKQ03/13

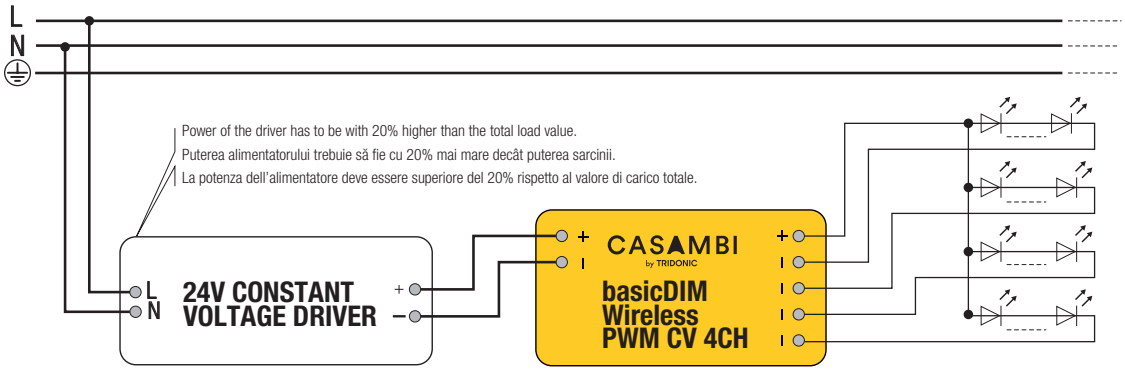


RKQ14



RKQ15

wiring diagram 24V DC using casambi dimmer



XROCK projectors
Proiectoare XROCK
Proiettori XROCK

For outside the elements of the CASAMBI control system have to be installed in a min. IP67 protection box with cable glands for connections.

Pentru exterior componentele sistemului de control CASAMBI trebuiesc instalate într-o doză minim IP67, cu presetupe pentru conexiuni.

Per l'esterno gli elementi del sistema di controllo CASAMBI devono essere installati in una scatola minimo IP67 con pressacavi per connessioni.

On each channel the maximum number of the projectors is according to the maximum power available, 36W, in the case of a balanced installing. All the projectors installed on a channel are controlled simultaneously.

Pentru fiecare canal numărul maxim de proiectoare ce pot fi instalate este, în cazul montajului echilibrat, în funcție de puterea maximă de 36W. Toate proiectoarele instalate pe un canal sunt controlate simultan.

Su ogni canale il numero massimo di proiettori è in funzione della massima potenza disponibile, 36W, nel caso di un impianto equilibrato. Tutti i proiettori installati su un canale vengono comandati simultaneamente.

Max. output power is 144W for all the 4 channels.

Puterea maximă admisă este de 144W pentru toate cele 4 canale.

La potenza massima consentita è di 144W per tutti i 4 canali.

IMPORTANT INFO FOR 24V VERSIONS

Light intensity control can be carried out using compatible PWM power supplies and/or controllers, such as:
• TRIAC: ATD24 IP67 series together with the PR350 trailing/ leading edge dimmer;
• DALI: AT24 IP67 DALI series together with the CASAMBI BasicDIM Wireless G2 controller;
• TUYA: AT24 IP44 TUYA series;
• AT24 IP67 series together with the basicDIM Wireless PWM CV 4CH constant-voltage wireless dimmer, TRIDONIC, controlled via the TRIDONIC/CASAMBI system protocol;
• other compatible protocols.

Controlul intensității luminoase se poate realiza folosind surse și/sau controllere PWM compatibile, precum:
• TRIAC: seria ATD24 IP67 împreună cu dimmerul trailing/leading edge PR350;
• DALI: seria AT24 IP67 DALI împreună cu controllerul CASAMBI BasicDIM Wireless G2;
• TUYA: seria AT24 IP44 TUYA;
• seria AT24 IP67 împreună cu dimmerul wireless pentru tensiune constantă basicDIM Wireless PWM CV 4CH, TRIDONIC, controlat prin protocolul sistemului TRIDONIC/CASAMBI;
• alte protocoale compatibile.

Il controllo dell'intensità luminosa può essere effettuato utilizzando alimentatori e/o controller PWM compatibili, come:
• TRIAC: serie ATD24 IP67 insieme al dimmer trailing/leading edge PR350;
• DALI: serie AT24 IP67 DALI insieme al controller CASAMBI BasicDIM Wireless G2;
• TUYA: serie AT24 IP44 TUYA;
• serie AT24 IP67 insieme al dimmer wireless a tensione costante basicDIM Wireless PWM CV 4CH, TRIDONIC, controllato tramite il protocollo del sistema TRIDONIC/CASAMBI;
• altri protocolli compatibili.

Регулировка интенсивности света может осуществляться с помощью совместимых ШИМ-источников питания и/или контроллеров, таких как:
• TRIAC: серия ATD24 IP67 вместе с диммером PR350 с регулировкой по заднему/переднему фронту;
• DALI: серия AT24 IP67 DALI вместе с беспроводным контроллером CASAMBI BasicDIM Wireless G2;
• TUYA: серия AT24 IP44 TUYA;
• серия AT24 IP67 вместе с беспроводным диммером постоянного напряжения basicDIM Wireless PWM CV 4CH, TRIDONIC, управляемым по системному протоколу TRIDONIC/CASAMBI;
• другие совместимые протоколы.

A fényintenzitás szabályozása kompatibilis PWM tápegységekkel és/vagy vezérlőkkel végezhető, mint például:
• TRIAC: ATD24 IP67 sorozat a PR350 lefutó/felfutó él fényerőszabályzóval együtt;
• DALI: AT24 IP67 DALI sorozat a CASAMBI BasicDIM Wireless G2 vezérlővel együtt;
• TUYA: AT24 IP44 TUYA sorozat;
• AT24 IP67 sorozat a basicDIM Wireless PWM CV 4CH állandó feszültségű vezeték nélküli fényerőszabályzóval, TRIDONIC-kal együtt, a TRIDONIC/CASAMBI rendszerprotokollon keresztül vezérelve;
• egyéb kompatibilis protokollok.

Контролът на интензитета на светлината може да се осъществи с помощта на съвместими PWM захранвания и/или контролери, като например:
• TRIAC: серия ATD24 IP67 заедно с димер PR350 с преден/заден фронт;
• DALI: серия AT24 IP67 DALI заедно с контролера CASAMBI BasicDIM Wireless G2;
• TUYA: серия AT24 IP44 TUYA;
• серия AT24 IP67 заедно с безжичния димер с постоянно напрежение basicDIM Wireless PWM CV 4CH, TRIDONIC, управляван чрез системния протокол TRIDONIC/CASAMBI;
• други съвместими протоколи.

Ovládanie intenzity svetla je možné vykonávať pomocou kompatibilných PWM napájacích zdrojov a/alebo ovládačov, ako napríklad:
• TRIAC: séria ATD24 IP67 spolu so stmievačom PR350 na nábehovej/zadnej hrane;
• DALI: séria AT24 IP67 DALI spolu s ovládačom CASAMBI BasicDIM Wireless G2;
• TUYA: séria AT24 IP44 TUYA;
• séria AT24 IP67 spolu s bezdrôtovým stmievačom s konštantným napätím basicDIM Wireless PWM CV 4CH, TRIDONIC, ovládaným systémovým protokolom TRIDONIC/CASAMBI;
• ďalšie kompatibilné protokoly.

IMPORTANT INFO FOR 220-240V AC VERSIONS

The versions powered directly at 220-240V AC are equipped with TRIAC dimmable constant current drivers, which can also be used together with the Arelux PR350 dimmer (in a minimum IP65 box).

Versiunile alimentate direct la 220-240V AC sunt dotate cu alimentatoare în curent constant dimabile TRIAC, putând fi utilizate de asemenea împreună cu dimmer-ul Arelux PR350 (într-o casetă protejată minim IP65).

Le versioni alimentate direttamente a 220-240V AC sono dotate di driver a corrente costante dimmerabile TRIAC, utilizzabili anche insieme al dimmer Arelux PR350 (è necessaria una scatola di connessione con grado minimo IP65).

Версии, питающиеся непосредственно от сети переменного тока 220-240 В, оснащены диммируемыми драйверами постоянного тока на основе триаков, которые также могут использоваться совместно с диммером Arelux PR350 (в корпусе с минимальной степенью защиты IP65).

A közvetlenül 220-240V AC feszültségről táplált változatok TRIAC szabályozható, állandó áramerősségű meghajtókkal vannak felszerelve, amelyek az Arelux PR350 fényerőszabályzóval együtt is használhatók (minimum IP65-ös dobozban).

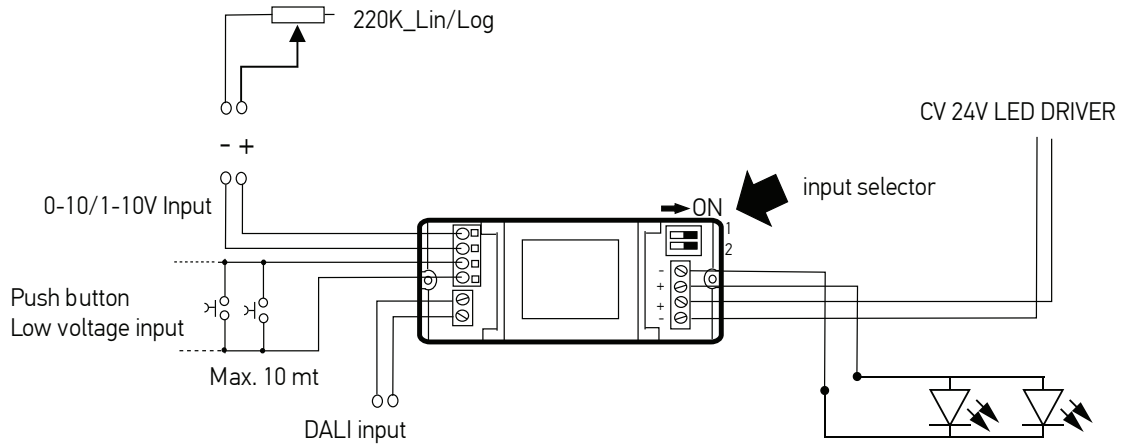
Версиите, захранвани директно с 220-240V AC, са оборудвани с TRIAC димируеми драйвери за постоянен ток, които могат да се използват и заедно с димера Arelux PR350 (в кутия със защита минимум IP65).

Verzie napájané priamo z napätia 220 – 240 V AC sú vybavené stmievateľnými TRIAC ovládačmi konštantného prúdu, ktoré je možné použiť aj spolu so stmievačom Arelux PR350 (v krytí minimálne IP65).

Recommended drivers at page 97.
Drivere recomandate la pagina 97.
Driver raccomandati a pagina 97.
Рекомендуемые светодиодные драйверы на странице 97.
Ajánlott LED-meghajtók a 97. oldalon.
Препоръчителни LED драйвери на страница 97.
Odporúčané LED drivery na strane 97.

Dimmable Wiring Diagram for Constant Voltage

Dimmer with DALI control (CTR125)



Input selector

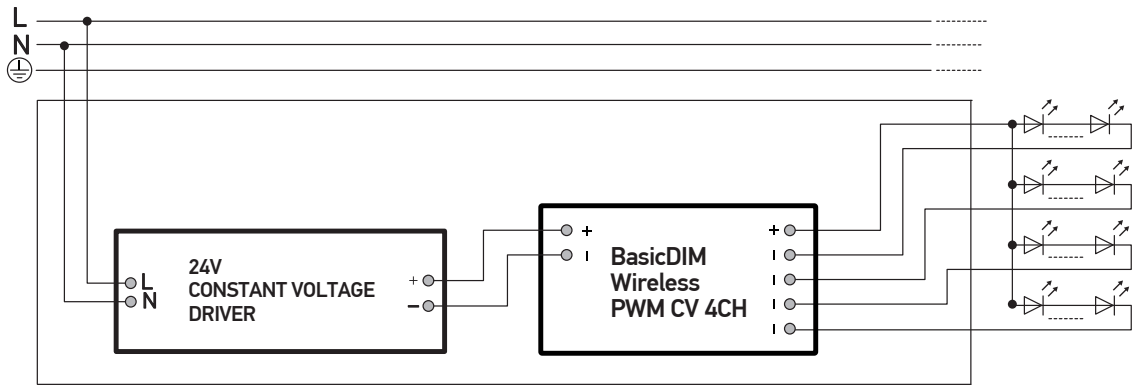
ON

1

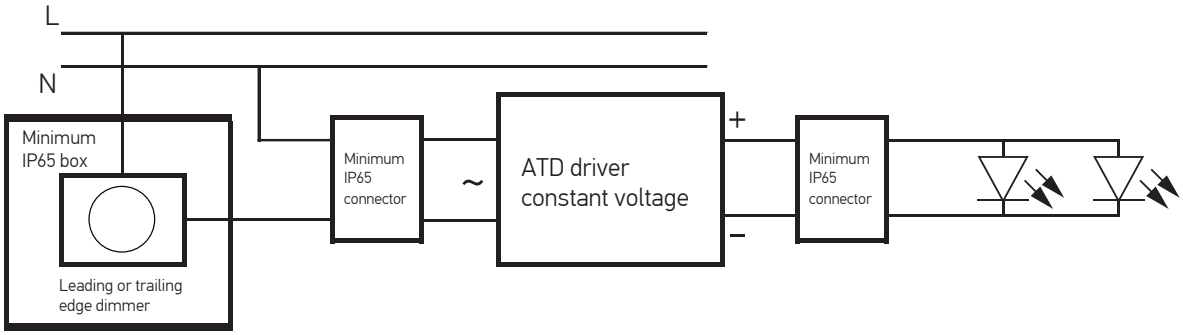
2

1	2	Mode
OFF	OFF	DALI
ON	OFF	Push
OFF	ON	0..10V
ON	ON	1..10V

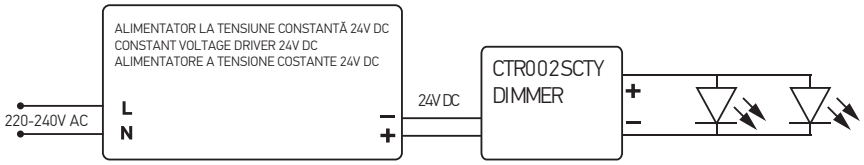
Dimmer CASAMBI (basic dimm)control only from application



Dimmer TRIAC +ATD24.100IP67, ATD24.200IP67+voltage regulator



Dimmer TUYA control only from the application (CTR002SCTY)



Recommended LED drivers

LIGHT FITTING				*DRIVER*					
Family	Product Cod	Uin [V]	P[W]	Uin [V]	P[W]	Units [pcs]	Control	IP	Driver code
XROCK	**RK01/06**	24V-DC	3	220-240VAC	100	1-25	on-off	67	ATN24.100IP67
					100	11-25	TRIAC	67	ATD24.100IP67
					150	1-40	DALI	67	AT24.150IP67DALI
					240	1-64	DALI	67	AT24.240IP67DALI
	RK02/07	24V-DC	6	220-240VAC	100	6-13	on-off	67	ATN24.100IP67
					100	1-13	TRIAC	67	ATD24.100IP67
					150	1-20	DALI	67	AT24.150IP67DALI
					240	1-32	DALI	67	AT24.240IP67DALI
	RK03/08	24V-DC	9	220-240VAC	100	1-8	on-off	67	ATN24.100IP67
					200	1-17	on-off	67	ATN24.200IP67
					100	4-8	TRIAC	67	ATD24.100IP67
					200	8-17	TRIAC	67	ATD24.200IP67
					150	1-13	DALI	67	AT24.150IP67DALI
					240	1-21	DALI	67	AT24.240IP67DALI
	RK04	24V-DC	15	220-240VAC	100	1-5	on-off	67	ATN24.100IP67
					200	1-10	on-off	67	ATN24.200IP67
					100	3-5	TRIAC	67	ATD24.100IP67
					200	5-10	TRIAC	67	ATD24.200IP67
					150	1-8	DALI	67	AT24.150IP67DALI
					240	1-12	DALI	67	AT24.240IP67DALI
	RK05	24V-DC	20	220-240VAC	100	1-4	on-off	67	ATN24.100IP67
					200	1-8	on-off	67	ATN24.200IP67
					100	2-4	TRIAC	67	ATD24.100IP67
					200	4-8	TRIAC	67	ATD24.200IP67
					150	1-6	DALI	67	AT24.150IP67DALI
					240	1-9	DALI	67	AT24.240IP67DALI
XROCK MINI	**RKMR01 / RKMQ01**	24V-DC	2	220-240VAC	100	1-40	on-off	67	ATN24.100IP67
					100	17-40	TRIAC	67	ATD24.100IP67
					150	1-60	DALI	67	AT24.150IP67DALI
					240	1-96	DALI	67	AT24.240IP67DALI
XROCK SQUARE	**RKQ01**	24V-DC	3	220-240VAC	100	1-25	on-off	67	ATN24.100IP67
					100	11-25	TRIAC	67	ATD24.100IP67
					150	1-40	DALI	67	AT24.150IP67DALI
					240	1-64	DALI	67	AT24.240IP67DALI
	RKQ02	24V-DC	6	220-240VAC 220-240VAC 220-240VAC 220-240VAC	100	1-13	on-off	67	ATN24.100IP67
					100	6-13	TRIAC	67	ATD24.100IP67
					150	1-20	DALI	67	AT24.150IP67DALI
					240	1-32	DALI	67	AT24.240IP67DALI
	RKQ03	24V-DC	9	220-240VAC	100	1-8	on-off	67	ATN24.100IP67
					200	1-17	on-off	67	ATN24.200IP67
					100	4-8	TRIAC	67	ATD24.100IP67
					200	8-17	TRIAC	67	ATD24.200IP67
					150	1-13	DALI	67	AT24.150IP67DALI
					240	1-21	DALI	67	AT24.240IP67DALI
	RKQ05	24V-DC	20	220-240VAC	100	1-4	on-off	67	ATN24.100IP67
					200	1-8	on-off	67	ATN24.200IP67
					100	2-4	TRIAC	67	ATD24.100IP67
					200	4-8	TRIAC	67	ATD24.200IP67
					150	1-6	DALI	67	AT24.150IP67DALI
					240	1-9	DALI	67	AT24.240IP67DALI
BIBO	91250, 91251, 91252, 91253, 91254, 91255, 91271, 91272, 91273, 91274, 91275, 91276	24V-DC	4,2	220-240VAC	100	1-19	on-off	67	ATN24.100IP67
					200	1-38	on-off	67	ATN24.200IP67
					100	8-19	TRIAC	67	ATD24.100IP67
					200	16-38	TRIAC	67	ATD24.200IP67
					150	1-28	DALI	67	AT24.150IP67DALI
					240	1-45	DALI	67	AT24.240IP67DALI

All the recommended LED drivers are Arelux products.

Recommended LED drivers

WATERPROOF
CONSTANT VOLTAGE DRIVERS

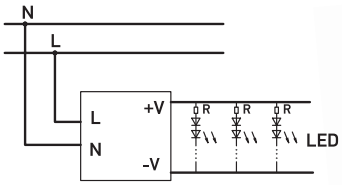
ATN24 IP67

3 YEARS WARRANTY IP67

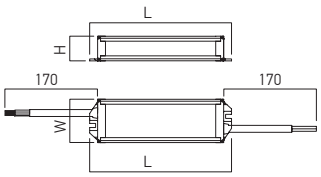
Series of constant voltage drivers, protected against dust and water (IP67), for indoor or outdoor installation.
Anodized aluminum sheet case painted in black.
Short-circuit, over load, overvoltage and overtemperature protections.

Serie de alimentatoare la tensiune constantă, protejate la praf şi umiditate (IP67), pentru montaj în interior sau în exterior.
Carcasă din tablă de aluminiu anodizat vopsit în culoare neagră.
Protecţii la scurtcircuit, suprasarcină, supratensiune şi supratemperatură.

Serie di alimentatori in tensione costante, protetti contro polvere e umidità (IP67), per interni ed esterni.
Carcassa in alluminio anodizzato verniciata in nero.
Protezione cortocircuito, sovraccarico, sovratensione e contro il surriscaldamento.







Code	Output power	Input voltage	Output voltage	Output current	Operating ambient temperature	Dimensions LxWxH
ATN24.100IP67	100W	175-240V AC	24V DC	4,16 A	-40 ÷ +60°C	144 x 44 x 25 mm
ATN24.200IP67	200W	175-240V AC	24V DC	8,3 A	-40 ÷ +60°C	238 x 44 x 25 mm

WATERPROOF
CONSTANT VOLTAGE
DRIVERS DIMMABLE

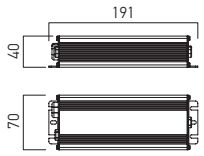
ATD24 IP67

3 YEARS WARRANTY IP67 TRIAC

Constant voltage drivers (24V DC), TRIAC dimmable and protected against dust and water, for LED strips.
Satinated aluminum housing.
Short circuit and overload protection, auto-recovery if the fault is removed.
Overtemperature protection.
Open circuit protection.

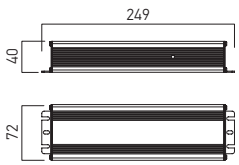
Alimentatoare la tensiune constantă (24V DC), dimabile TRIAC, protejate la praf şi umiditate, pentru benzi cu LED-uri.
Carcasă din aluminiu satinat.
Protecţii la scurtcircuit şi suprasarcină, cu repornire automată la îndepărtarea defectului.
Protecţie la supratemperatură.
Protecţie la întreruperea circuitului de alimentare a sarcinii.

Alimentatori a tensione costante (24V DC), dimmerabili TRIAC, protetti contro polvere e acqua, per strisce a LED.
Carcassa in alluminio satinato.
Protezione cortocircuito e sovraccarico, con riavvio automatico alla scomparsa del guasto.
Protezione sovratemperatura.
Protezione in caso di interruzione del circuito di carico.





Code	Output power	Input voltage	Output voltage	Output current	Operating ambient temperature
ATD24.100IP67	100W	220-240V AC	24V DC	1,4-4,2 A	-20 ÷ +50°





Code	Output power	Input voltage	Output voltage	Output current	Operating ambient temperature
ATD24.200IP67	200W	220-240V AC	24V DC	2,7-8,3 A	-20 ÷ +50°

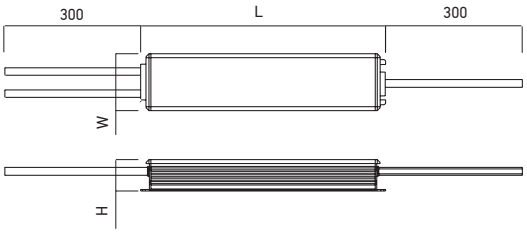
WATERPROOF
CONSTANT VOLTAGE
DRIVERS DIMMABLE

AT24 IP67 DALI

Waterproof and dustproof constant voltage drivers (24V DC), DALI dimmable, for LED strips.
Anodized aluminum case.
Do not install in closed boxes if it is not enough space for drivers cooling.
Short circuit, overtemperature and overcurrent protections, recovery upon removal of the defect.
Open circuit protection on the output.

Alimentatori a tensione costante (24V DC), protetti a polvere e umidità, dimmerabili DALI, per strisce a LED.Carcassa in alluminio anodizzato.
Non può essere installato in spazi chiusi a meno che le dimensioni permettano il raffreddamento.
Protezioni cortocircuito, sovratemperatura e sovracarico, con riavvio alla scomparsa del guasto.
Protezione da circuito aperto in uscita.

Alimentatoare la tensiune constantă (24V DC), protejate la praf și umiditate, dimabile DALI, pentru benzi cu LED-uri.
Carcasă din aluminiu eloxat.
Nu se montează în incinte închise decât dacă dimensiunile acestora permit răcirea alimentatoarelor.
Protecţii la scurtcircuit, la supratemperatură și suprasarcină, cu repornire la îndepărtarea defectului.
Protecţie la întreruperea circuitului de alimentare a sarcinii.





Code	Output power	Input voltage	Output voltage	Output current	Operating ambient temperature	Dimensions LxWxH
AT24.150IP67DALI	150W	200-240V AC	24V DC	0-6,250 A	-40 ÷ +50°C	210 x 58 x 32 mm
AT24.240IP67DALI	240W	200-240V AC	24V DC	0-10 A	-40 ÷ +50°C	250 x 58 x 32 mm

IMPORTANT

All the recommended LED drivers are Arelux products.
Toate alimentatoarele LED recomandate sunt produse Arelux.
Tutti i driver LED consigliati sono prodotti Arelux.
Все рекомендуемые светодиодные драйверы являются продукцией Arelux.
Az összes ajánlott LED-meghajtó az Arelux terméke.
Всички препоръчани LED захранвания са продукти на Arelux.
Všetky odporúčané LED ovládače sú produkty značky Arelux.

Conformities

CE

All the light fixtures, made and commercialized by REDO GROUP, are CE marked and meet the specific directives: 73/25 CEE and 93/68 CEE regarding safety, the directives 89/336 CEE and 93/68 CEE regarding electromagnetic compatibility (EMC).

Toate corpurile de iluminat produse şi comercializate de REDO GROUP sunt marcate cu CE şi respectă directivele specifice: 73/25 CEE şi 93/68 CEE cu privire la siguranţă, directivele 89/336 CEE şi 93/68 CEE cu privire la compatibilitatea electromagnetică (EMC).

Tutti gli apparecchi luminosi prodotti e commercializzati da REDO GROUP sono marcati CE e rispettano le direttive specifiche: 73/25 CEE e 93/68 CEE relative alla sicurezza, nonché alle direttive 89/336 CEE e 93/68 CEE relative alla compatibilità elettromagnetica (EMC).

Все осветительные тела, сделанные и реализованные компанией РЕДО ГРУПП маркированы CE и соответствуют специфичным директивам: 73/25 CEE и 93/68 CEE о безопасности, директивам 89/336 CEE и 93/68 CEE о электромагнитной совместимости (EMC).

A REDO GROUP által gyártott és értékesített összes világítótestek CE jelölésűek és betarják a szak irányelveket: a biztonságról szóló 73/25 CEE és 93/68 CEE irányelvek és elektromágneses kompatibilitásról (EMC) szóló 89/336 CEE és 93/68 CEE irányelvek.

Всички осветителни уреди, произведени и продадени от РЕДО ГРУП са маркирани CE и са в съответствие със специфичните директиви: 73/25 CEE и 93/68 CEE относно безопасността, директивите 89/336 CEE и 93/68 CEE за електромагнитна съвместимост (EMC)

RoHS COMPLIANCE

REDO GROUP products meet the European Directive (2002/95/EC) regarding all the electric and electronic devices sold in the Member States of the European Union after the 1st of July 2006.
The purpose of the directive is that of limiting the use of some dangerous substances in equipments and establishing an adequate warning and administrative system for these wastes, encouraging the recovery and the separate collection.

Produsele REDO GROUP respectă Directiva Europeană (2002/95/EC) cu privire la toate echipamentele electrice şi electronice vândute în ţările membre ale Uniunii Europene după 1 iulie 2006.
Scopul directivei este cel de a limita folosirea unor substanţe periculoase în echipamente şi de a stabili un sistem de prevenire şi gestiune a unor astfel de reziduuri, favorizând recuperarea/reciclarea şi colectareadiferenţiată.

I prodotti REDO GROUP rispettano la Direttiva europea (2002/95/EC) che riguarda tutte le apparecchiature elettriche ed elettroniche vendute negli Stati membri dell'Unione Europea dopo il 1 luglio 2006.
Scopo della direttiva è quello di limitare l'impiego di alcune sostanze pericolose nelle apparecchiature e predisporre un apposito sistema di prevenzione e di gestione di tali rifiuti, favorendo il recupero/riciclaggio e la raccolta differenziata.

Продукты РЕДО ГРУПП соответствуют Европейской Директивы (2002/95/EC) о всем электрическом и электронном оборудовании, реализованном в Странах – Членах Евросоюза после 1 июля 2006 г.
Целью директивы состоит в ограничении использования опасных веществ при производстве оборудования и в определении системы предупреждения и управления такими остатками, способствуя получение обратно/утилизацию и /дифференцированное собирание.

REDO GROUP termékek megfelelnek 2006. július 1. után Európai Unió tagországokban értékesített valamennyi elektromos és elektronikus berendezésekről szóló Európai irányelvnek (2002/95/EC).
Az irányelv célja, hogy korlátozza a veszélyes anyagok felhasználást a berendezésekben és az ilyen hulladékok megelőzési és kezelési rendszer létrehozása, támogatva a hasznosítást / újrahasznosítást és a különített összegyűjtést.

Продуктите РЕДО ГРУП спазват Европейската Директива (2002/95/EC) за всички електрически и електронни уреди, продавани в Сраните-членки на Европейския Съюз след 1 юли, 2006 г.
Директивата има зя цел да се ограничи употребата на опасни вещества в оборудване и да създава система за превенция и управление на такива отпадъци, като се насърчава оползотворяване / рециклиране и разнообразно събиране.

Symbols

CLASS I
Isolation and connection of protection (the luminaire needs earth connection).
Izolaţie şi conexiune de protecţie (aparatul necesită împământare).
Isolamento e connessione di protezione (l'apparecchio necessita di messa a terra).
Защитная изоляция и соединение (предмет требует заземления).
Védelmi szigetelés és kapcsolat (az eszköz számára szükséges a földelés).
Изолация и защита връзка (устройството изисква заземяване).

CLASS II
Double or enforced isolation (the luminaire doesn't need earth connection).
Izolaţie dublă sau întărită (aparatul nu necesită împământare).
Isolamento doppio o rafforzato (l'apparecchio non necessita messa a terra).
Двойная или усиленная изоляция (предмет не требует заземления).
Dupla vagy megerősített szigetelés (az eszköz számára nem szükséges a földelés).
Двойна или подсилена изолация (устройството не изисква заземяване).

CLASS III
Low, undangerous voltage (Luminaire for low voltage only - not exceeding 24V).
Tensiuni mici, nepericuloase (aparatul se conectează numai la tensiuni joase - maxim 24V).
Tensioni basse, non pericolose (L'apparecchio si connette con tensione non superiore ai 24V).
Низкие, неопасные напряжения (предмет подключается только к низким напряжениям - не более 24V).
Alacsony, vészélytelen feszültségek (a készülék csak alacsony feszültséghez csatlakozik - legfejebb 24V).
Ниски напрежения, неопасни (устройството се свързва само при ниски напрежения - 24V максимум).

anti corrosion

ANTI RUST AND CORROSION TREATMENT
Anti-rust and anti-corrosion protection treatment.
Tratament de protectie antirugină și anticoroziune.
Trattamento di protezione antiruggine e anticorrosione.

front sea suitable

SALT CORROSION RESISTANT
Lighting fixtures suitable for installation in marine environments.
Aparate potrivite pentru instalarea în medii marine.
Apparecchi adatti per essere installati in ambienti marini.

Cut-out dimensions for embedding | Dimensiune decupare pentru încastrare | Dimensioni foro per incasso | Размер разрезания для прикрепления
A süllyesztés számára való kivágás mérete | Размер за рязането за вграждане

IK02
Resistance against impacts with an energy up to 0,2 J, IEC 62262:2002.
Rezistenţa împotriva impactului cu o energie de până la 0,2 J, IEC 62262:2002.
Resistenza contro gli urti con energia fino a 0,2 J, IEC 62262:2002.

IK04
Resistance against impacts with an energy up to 0,5 J, IEC 62262:2002.
Rezistenţa împotriva impactului cu o energie de până la 0,5 J, IEC 62262:2002.
Resistenza contro gli urti con energia fino a 0,5 J, IEC 62262:2002.

IK05
Resistance against impacts with an energy up to 0,7 J, IEC 62262:2002.
Rezistenţa împotriva impactului cu o energie de până la 0,7 J, IEC 62262:2002.
Resistenza contro gli urti con energia fino a 0,7 J, IEC 62262:2002.

IK06
Resistance against impacts with an energy up to 1,00 J, IEC 62262:2002.
Rezistenţa împotriva impactului cu o energie de până la 1,00 J, IEC 62262:2002.
Resistenza contro gli urti con energia fino a 1,00 J, IEC 62262:2002.

IK07
Resistance against impacts with an energy up to 2,00 J, IEC 62262:2002.
Rezistenţa împotriva impactului cu o energie de până la 2,00 J, IEC 62262:2002.
Resistenza contro gli urti con energia fino a 2,00 J, IEC 62262:2002.

IK08
Resistance against impacts with an energy up to 5,00 J, IEC 62262:2002.
Rezistenţa împotriva impactului cu o energie de până la 5,00 J, IEC 62262:2002.
Resistenza contro gli urti con energia fino a 5,00 J, IEC 62262:2002.

IK09
Resistance against impacts with an energy up to 10,00 J, IEC 62262:2002.
Rezistenţa împotriva impactului cu o energie de până la 10,00 J, IEC 62262:2002.
Resistenza contro gli urti con energia fino a 10,00 J, IEC 62262:2002.

IK10
Resistance against impacts with an energy up to 20,00 J, IEC 62262:2002.
Rezistenţa împotriva impactului cu o energie de până la 20,00 J, IEC 62262:2002.
Resistenza contro gli urti con energia fino a 20,00 J, IEC 62262:2002.

IP.. Protection degree

IP..

The signafication of the figures included in the symbolization of the IP protection normal degrees.
Semnificaţia cifrelor cuprinse în simbolizarea gradelor normale de protecţie IP.
Significato delle cifre contenute nella simbologia che indica i gradi di protezione IP.
Обозначение цифр содержанных в указании нормальных защитных градусов.
Az IP védelmi normális osztályok ábrázolásában bennfoglalt számok jelentése.
Значение на цифрите, включени в символите с нормалния степен на защита IP.

First number IP x0
Prima cifră IP x0
Prima cifra IP x0

IP1. Protected against the entry of solid bodies with dimensions of more than 50 mm.
Protejat contra corpurilor solide mai mari de 50 mm.
Protetto contro la penetrazione di corpi solidi di dimensioni superiori a 50 mm.
Защита от солидных тел больше 50 мм.
50mm-nél nagyobb szilárd testek elleni védelem.
Защитен срещу твърди тела по-големи от 50 мм.

IP2. Protected against the entry of solid bodies with dimensions of more than 12 mm.
Protejat contra corpurilor solide mai mari de 12 mm.
Protetto contro la penetrazione di corpi solidi di dimensioni superiori a 12 mm.
Защита от солидных тел больше 12 мм.
12 mm-nél nagyobb szilárd testek elleni védelem.
Защитен срещу твърди тела по-големи от 12 мм.

IP3. Protected against the entry of solid bodies with dimensions of more than 2,5 mm.
Protejat contra corpurilor solide mai mari de 2,5 mm.
Protetto contro la penetrazione di corpi solidi di dimensioni superiori a 2,5 mm.
Защита от солидных тел больше 2,5 мм.
2,5 mm-nél nagyobb szilárd testek elleni védelem.
Защитен срещу твърди тела по-големи от 2,5 мм.

IP4. Protected against the entry of solid bodies with dimensions of more than 1 mm.
Protejat contra corpurilor solide mai mari de 1 mm.
Protetto contro la penetrazione di corpi solidi di dimensioni superiori a 1 mm.
Защита от солидных тел больше 1 мм.
1 mm-nél nagyobb szilárd testek elleni védelem.
Защитен срещу твърди тела по-големи от 1 мм.

IP5. Protected against entry of dust.
Protejat la praf fără presiune.
Protetto contro la penetrazione della polvere.
Защита от пыли без давления.
Nyomás nélküli por elleni védelem.
Защитен от прах, без да натискате.

IP6. Completely protected against entry of dust.
Protejat total la praf.
Protetto completamente contro la penetrazione della polvere.
Полная защита от пыли.
Por ellen teljesen védett.
Напълно защитен от прах.

Second number IP 0x (water protection)
A doua cifră IP 0x (protecţie la apă)
Seconda cifra IP 0x (protezione dall'acqua)

IP.1 Protected against the vertical falling of water drops (condensation).
Protejat la picături de apă care cad vertical (condens).
Protetto contro le cadute verticali di gocce d'acqua (condensa).
защита от подающих вертикально каплей воды (конденсат).
Függőlegesen eső vízcseppek elleni védelem (cseppfolyósítás).
Защитен от вертикално падане на водните капки (кондензация).

IP.2 Protected against the falling of water with maximum inclination of 15°.
Protejat la picături de apă care cad până la 15° faţă de verticală.
Protetto contro le cadute dell'acqua con inclinazione massima di 15°.
Защита от дожди, с каплями до угла 15° к вертикали.
A függőlegeshez viszonyítva 15°-ig eső vízcseppek elleni védelem.
Защитен от водните капки, които ронят до 15 ° от вертикалната.

IP.3 Protected against the falling of water with maximum inclination of 60°.
Protejat la ploaie, cu stropi până la 60° faţă de verticală.
Protetto contro le cadute dell'acqua con inclinazione massima di 60°.
Защита от дожди, с каплями до угла 60° к вертикали.
A függőlegeshez viszonyítva 60°-ig eső vízcseppek elleni védelem.
Защитен от дъжд, с капки до 60 ° от вертикалната.

IP.4 Protected against the water drops that come from all directions.
Protejat contra stropilor de apă care ajung din toate direcţiile.
Protetto contro le goccie d'acqua provenienti da tutte le direzioni.
Защита от подающих из всех направлений каплей воды.
Az összes irányokból jövő vízcseppek elleni védelem.
Защитен срещу водни капки, които достигат от всички посоки.

IP.5 Protected against water jets from all directions with p=0.3 bar.
Protejat împotriva jeturilor de apă din toate direcţiile cu p=0.3 bar.
Protetto contro getti d'acqua provenienti da tutte le direzioni con p=0.3 bar.
Защита от водяных струев от всех направлений с давлением =0,3 бар.
Minden irányból érkező vízsugarak 0.3 bar nyomás elleni védelem.
Защитен срещу водни струи от всички посоки с p = 0,3 бара.

IP.6 Protected against water jets from all directions.
Protejat împotriva jeturilor de apă din toate direcţiile.
Protetto contro getti d'acqua provenienti da tutte le direzioni.
Защита от водяного струя от всех направлений.
Minden irányból érkező vízsugarak nyomás elleni védelem.
Защитен срещу водни струи от всички посоки.

IP.7 Protected against the water immersion up to 1m.
Protejat la imersie în apă până la 1m.
Protetto contro l'immersione in acqua fino a 1m.
Защита от погружения в воду до 1 м.
Védett a vízben való merülésre 1 m-ig.
Защитен от водно потапяне на 1 метър.

IP.8 Protected against the prolonged immersion effect to depths higher than 1m.
Protejat la efectul imersiei prelungite la adâncimi mai mari de 1m.
Protetto contro gli effetti dell'immersione prolungata a profondita' superiore a 1m.
Защита от воздействия длительного погружения при глубинах больше 1м.
Védett az 1m-nél nagyobb mélységek hosszabb merülés hatása ellen.
Защитен от продължително водно потапяне при по-големи от 1 метър дълбочини.

Finishing



WHITE

Alb
Bianco
Белый
Fehér
Бял
Bielej



MATT WHITE

Alb mat
Bianco opaco
Мэтт Уайт
Matt fehér
Мат Уайт
Matná biela



SAND WHITE

Alb sablat
Bianco sabbiato
Пескоструйный белый
Matt fehér homokfúvássa
Матово бяло пясъкоструйно
Matne biele pieskované



MATT GREY BEIGE

Bej gri
Beige grigio
Серо-бежевый
Szürke bézs
Сиво бежово
Sivá béžová



MATT RUBY RED

Rosu rubin
Rosso subino
Рубиново-красный
Vörös rubin
Червен
Rubínovo červená



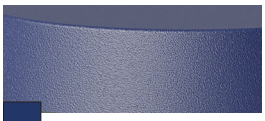
MATT PURPLE RED

Roşu violet
Rosso porpora
Фиолетовый красный
Lila piros
Лилаво червено
Fialová červená



MATT BLUE

Albastru
Blu
Синий
Kék
Син
Modrá



MATT COBALT BLUE

Albastru cobalt
Blu cobalto
Синий кобальт
Kobalt-kék
Кобалтово синьо
Kobaltová modrá



MATT SAGE GREEN

Verde salvie
Verde salvia
Зеленый шалфей
Zsályaszínű
Салвия зелено
Šalvia zelená



MAT BOTTLE GREEN

Verde sticlă mat
Verde Bottiglia
Зеленая бутылка
Zöld üveg
Зелена бутилка
Zelená fľaša



DARK BROWN

Maro închis
Marrone scuro
Темно коричневый
Sötétbarnára
Тъмно кафяво
Tmavo hnede



CORTEN

Corten
Corten
Corten
Corten
Corten
Corten



RUST

Ruginiu
Ruggine
Ржавого
Rozsda
Ръжда
Hrdzavo hnedej



DARK GREY

Gri închis
Grigio scuro
Серый цвет
Sötétszürkére
Тъмно сиво
Tmavo šedej



SAND BLACK

Negru sablat
Nero sabbiato
Пескоструйный Чернить
Fekete fehér
Пясъкоструйно Черен
Čierna biela



DARK GREEN

Verde Închis
Verde Scuro
Темно-Зеленый
Sötétzöld
Тъмнозелен
Tmavozelená



DARK GREEN

Verde Închis
Verde Scuro
Темно-Зеленый
Sötétzöld
Тъмнозелен
Tmavozelená



MATT GOLD

Aur Mat
Oro Opaco
Матовое Золото
Matt Arany
Матово Злато
Matné Zlato



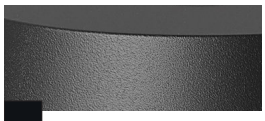
MATT GREEN GREY

Gri Verde Mat
Grigio Verde Opaco
Матовый Зелено-Серый
Matt Zöldesszürke
Матово Зелено-Сив
Matná Zeleno-Sivá



MAT BLACK

Negru mat
Nero opaco
Матовый черный
Matt fekete
Матово черно
Matná čierna



SAND JET BLACK

Negru Jet Black sablat
Nero Jet Black sabbiato
Пескоструйный Jet Black Чернить
Fekete Jet Black fehér
Пясъкоструйно черен Jet Black
Čierna Jet Black biela



NATURAL BRASS

Alamă Naturală
Ottone Naturale
Натуральная Латунь
Természetes Réz
Естествен Месинг
Prírodná Mosadz



ANTIQUE SOLID BRASS

Alamă Masivă Antică
Ottone Massiccio Anticato
Старинная Цельная Латунь
Antik Tömör Réz
Античен Масивен Месинг
Stará Masívna Mosadz



COOPER

Cupru
Rame
Медь
Réz
Мед
Meď



STAINLESS STEEL

oțel inoxidabil
Acciaio Inox
нержавеющая сталь
rozsdamentes acél
неръждаема стомана
nehrdzavejúca oceľ



IVORY

Ivory
Avorio
Слоновая Кость
Elefántcsont
Слонова Кост
Slonovina



DARK GREY

Gri închis
Grigio scuro
Серый цвет
Sötétszürkére
Тъмно сиво
Tmavo šedej



TERRACOTTA

Teracotă
Avorio
Терракота
Terrakotta
Теракота
Terakota

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Notes

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