

General information / Informații generale / Informazioni generali

FINISHING AVAILABLE

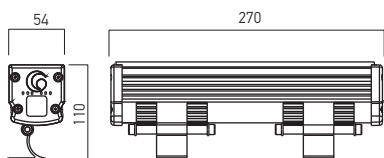
S

Code	Finishing	Power	Input voltage	LED flux	System flux	CCT	Optics	Weight
F004WW30	S	6W	220-240V AC	760 lm	406 lm	3000K	30°	0,80 kg
F004NW30	S	6W	220-240V AC	810 lm	433 lm	4000K	30°	0,80 kg
F004WW15X60	S	6W	220-240V AC	760 lm	408 lm	3000K	15°x60°	0,80 kg
F004NW15X60	S	6W	220-240V AC	810 lm	435 lm	4000K	15°x60°	0,80 kg
F001RGB30	S	3x3W	24V DC			RGB	30°	0,80 kg
F001RGB15X60	S	3x3W	24V DC			RGB	15°x60°	0,80 kg
F005WW30	S	12W	220-240V AC	1520 lm	812 lm	3000K	30°	1,60 kg
F005NW30	S	12W	220-240V AC	1620 lm	866 lm	4000K	30°	1,60 kg
F005WW15X60	S	12W	220-240V AC	1520 lm	816 lm	3000K	15°x60°	1,60 kg
F005NW15X60	S	12W	220-240V AC	1620 lm	870 lm	4000K	15°x60°	1,60 kg
F002RGB30	S	6x3W	24V DC			RGB	30°	1,60 kg
F002RGB15X60	S	6x3W	24V DC			RGB	15°x60°	1,60 kg
F006WW30	S	24W	220-240V AC	3040 lm	1624 lm	3000K	30°	2,50 kg
F006NW30	S	24W	220-240V AC	3240 lm	1732 lm	4000K	30°	2,50 kg
F006WW15X60	S	24W	220-240V AC	3040 lm	1632 lm	3000K	15°x60°	2,50 kg
F006NW15X60	S	24W	220-240V AC	3240 lm	1740 lm	4000K	15°x60°	2,50 kg
F003RGB30	S	12x3W	24V DC			RGB	30°	2,50 kg
F003RGB15X60	S	12x3W	24V DC			RGB	15°x60°	2,50 kg

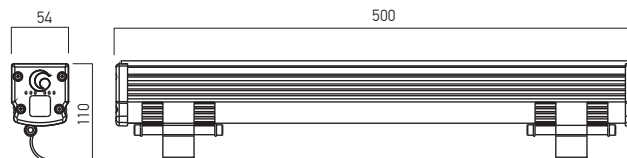
LED type	monochromatic:	POWER LED
RGB:	RGB FULL COLOR	
Driver	monochromatic:	Included
RGB:	Excluded	
CRI (monochromatic):		80
Working ambient temperature:		-20 ÷ +50 °C



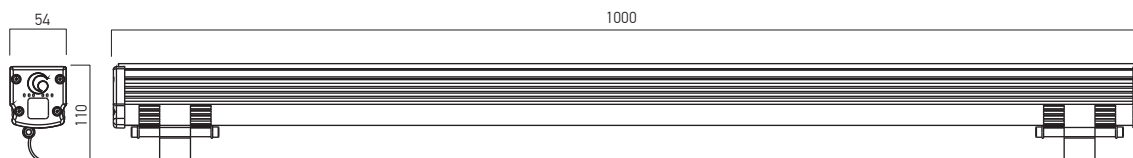
F004/F001RGB



F005/F002RGB



F006/F003RGB



EN

Linear light fittings, dustproof and waterproof (IP65), surface mounting, equipped with SMD mid power LEDs, monochromatic, or with RGB FULL COLOR LEDs. Housing and mounting brackets of extruded and anodized aluminum. End caps of die-cast aluminum, electrostatically painted. Silicone cover with role of support for LEDs lenses. PMMA lenses and diffuser of tempered glass (3 mm thickness) with high thermal and mechanical resistance. Constant current LED drivers installed in the interior of the housings, for both of the monochromatic versions. For F004-F006 variants the luminaires are supplied with a supplementary cable 2P+N with female waterproof connector for the connection to the main power supply. The RGB F001-F003 are equipped with two cables at each end, one 2P for 24V and another 3P for DMX signal. Delivered with one set of two cables with waterproof female connectors allowing the connection to the power supply.

Range of applications

Exterior decorative lighting, building facades, parks, public or private gardens.

RO

Corpuri de iluminat liniare etanșe (IP65), pentru montaj aparent, echipate cu LED-uri SMD de medie putere, monocromatice, sau cu LED-uri RGB FULL COLOR. Carcasă și bride de montaj din aluminiu extrudat și anodizat, elemente de capăt din aluminiu turnat, vopsite în câmp electrostatic. Mască din silicon cu rol și de suport pentru lentilele LED-urilor. Lentile din PMMA, dispersor din sticlă clară temperată (cu grosimea de 3 mm) cu înaltă rezistență termică și mecanică. Alimentatoare LED în curent constant instalate în interiorul carcaselor, pentru ambele versiuni monocromatice. Pentru variantele F004-F006, corpurile de iluminat sunt furnizate cu un cablu suplimentar 2P+N cu conector etanș mamă pentru conectarea la sursa principală de alimentare. Variantele RGB F001-F003 sunt echipate cu câte două cabluri la fiecare capăt, unul 2P pentru 24V și altul 3P pentru semnalul DMX. Se livrează cu un set de două cabluri cu conectori mamă etanși care permit conectarea la sursa de alimentare.

Aplicații

Iluminatul decorativ de exterior, fațade ale clădirilor, parcuri, grădini publice și private.

IT

Apparecchi lineari, protetti contro polvere e umidità (IP65), montaggio a parete, soffitto o a pavimento, equipaggiati con LED SMD di media potenza, monocromatici, o con LED RGB FULL COLOR. Corpo e staffe di montaggio in alluminio estruso e anodizzato. Tappi di chiusura in pressofusione di alluminio, verniciati a polvere. Maschera in silicone, con funzione di supporto delle lenti. Lenti in PMMA, diffusore in vetro trasparente temperato (spessore di 3 mm), ad alta resistenza termica e meccanica. Alimentatori LED in corrente costante installati all'interno degli apparecchi, per tutte le versioni monocromatiche. Per le varianti F004-F006, gli apparecchi sono forniti con un cavo 2P+N supplementare con connettore femmine stagno, per il collegamento alla rete. Le versioni RGB F001-F003 sono dotati di due cavi a ciascuna estremità, uno 2P per 24V e un altro 3P per segnale DMX. Sono forniti con un set di due cavi con connettori femmine stagno che consentono il collegamento all'alimentazione.

Campi di applicazione

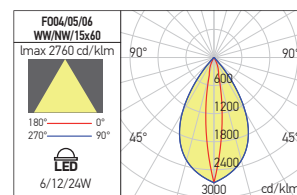
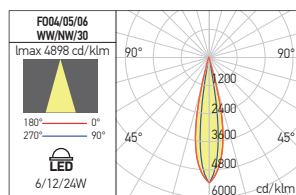
illuminazione decorativa esterna, facciate di edifici, parchi, giardini pubblici e privati.



OPTICS 30°

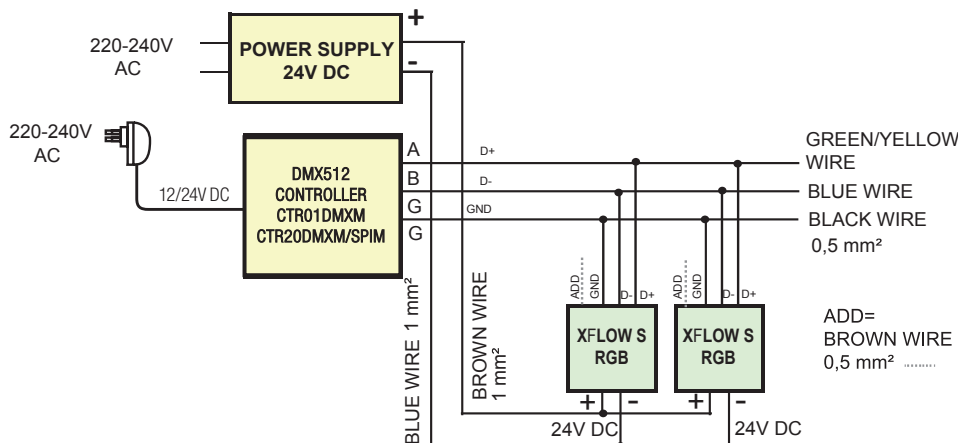


OPTICS 15x60°



RECOMMENDED CV DRIVERS FOR RGB VERSIONS
 AT24 IP67 SERIE FOR RGB MODELS

RGB DMX WIRING DIAGRAM



STANDARDS
 EN 60598-1:2015 + A1:2018,
 EN 60598-2-5:2015,
 EN 62493:2015,
 EN 62471:2008,
 EN 62031:2008 + A1:2013 + A2:2015,
 EN 60529:1992 + A2:2013,
 EN 55015:2019 + A11:2020 + A1:2015,
 EN 61000-3-2:2019,
 EN 61000-3-3:2013 + A1:2019,
 EN 61547:2009

ErP and ecodesign data / Date ErP și ecodesig / Dati Erp ed ecodesign

	F004WW30	F004NW30	F004WW15X60	F004NW15X60	F001RGB30	F001RGB15X60
Lighting technology used:	LED	LED	LED	LED	LED	LED
Directional or non-directional:	DLS	DLS	DLS	DLS	DLS	DLS
Mains or non-mains:	NMLS	NMLS	NMLS	NMLS	NMLS	NMLS
CLS:	No	No	No	No	No	No
Color tunable light source:	No	No	No	No	Yes	Yes
Anti-glare shield:	No	No	No	No	No	No
Dimmable:	No	No	No	No	Yes	Yes
Energy consumption (kWh/1000h):	6 kWh/1000h	6 kWh/1000h	6 kWh/1000h	6 kWh/1000h	9 kWh/1000h	9 kWh/1000h
Energy efficiency class:	G	G	G	G	G	G
Useful luminous flux (Φuse) (lm):	406 lm	433 lm	408 lm	435 lm	223 lm	224 lm
Correlated color temperature (K):	3000K	4000K	3000K	4000K	RGB	RGB
On-mode power (Pon) (W):	6W	6W	6W	6W	9W	9W
Standby power (Psb):	-	-	-	-	-	-
Networked standby power (Pnet) (W):	-	-	-	-	-	-
Outer dimensions (HxWxL, HxØ) (mm):	110x54x270 mm	110x54x270 mm	110x54x270 mm	110x54x270 mm	110x54x270 mm	110x54x270 mm
CRI:	80	80	80	80	80	80
Chromaticity coordinates (x and y):	x=0.4320 y=0.4090	x=0.3780 y=0.3780	x=0.4320 y=0.4090	x=0.3780 y=0.3780	x=0.2760 y=0.2150	x=0.2760 y=0.2150
Peak luminous intensity (cd):	-	-	-	-	-	-
Beam angle in degrees:	30°	30°	15°X60°	15°X60°	30°	15°X60°
R9 color rendering index:	4	4	4	4	-	-
Survival factor:	90%	90%	90%	90%	90%	90%
Lumen maintenance factor:	95,81%	95,81%	95,81%	95,81%	95,81%	95,81%
Displacement factor (cosφ1)	-	-	-	-	-	-
McAdam ellipses:	6	6	6	6	6	6
Flicker metric (Pst LM):	≤1	≤1	≤1	≤1	≤1	≤1
Stroboscopic effect metric (SVM):	≤0,4	≤0,4	≤0,4	≤0,4	≤0,4	≤0,4
Ponmax:	6,30W	6,61W	6,33W	6,61W	4,24W	4,25W

ErP and ecodesign data / Date ErP și ecodesig / Dati Erp ed ecodesign

	F005WW30	F005NW30	F005WW15X60	F005NW15X60	F002RGB30	F002RGB15X60
Lighting technology used:	LED	LED	LED	LED	LED	LED
Directional or non-directional:	DLS	DLS	DLS	DLS	DLS	DLS
Mains or non-mains:	NMLS	NMLS	NMLS	NMLS	NMLS	NMLS
CLS:	No	No	No	No	No	No
Color tunable light source:	No	No	No	No	Yes	Yes
Anti-glare shield:	No	No	No	No	No	No
Dimmable:	No	No	No	No	Yes	Yes
Energy consumption (kWh/1000h):	12 kWh/1000h	12 kWh/1000h	12 kWh/1000h	12 kWh/1000h	18 kWh/1000h	18 kWh/1000h
Energy efficiency class:	G	G	G	G	G	G
Useful luminous flux (Øuse) (lm):	812 lm	866 lm	816 lm	870 lm	447 lm	449 lm
Correlated color temperature (K):	3000K	4000K	3000K	4000K	RGB	RGB
On-mode power (Pon) (W):	12W	12W	12W	12W	18W	18W
Standby power (Psb):	-	-	-	-	-	-
Networked standby power (Pnet) (W):	-	-	-	-	-	-
Outer dimensions (HxWxL, HxØ) (mm):	110x54x500 mm	110x54x500 mm	110x54x500 mm	110x54x500 mm	110x54x500 mm	110x54x500 mm
CRI:	80	80	80	80	80	80
Chromaticity coordinates (x and y):	x=0.4320 y=0.4090	x=0.3780 y=0.3780	x=0.4320 y=0.4090	x=0.3780 y=0.3780	x=0.2760 y=0.2150	x=0.2760 y=0.2150
Peak luminous intensity (cd):	-	-	-	-	-	-
Beam angle in degrees:	30°	30°	15°X60°	15°X60°	30°	15°X60°
R9 color rendering index:	4	4	4	4	-	-
Survival factor:	90%	90%	90%	90%	90%	90%
Lumen maintenance factor:	95,81%	95,81%	95,81%	95,81%	95,81%	95,81%
Displacement factor (cosφ1)	-	-	-	-	-	-
McAdam ellipses:	6	6	6	6	6	6
Flicker metric (Pst LM):	≤1	≤1	≤1	≤1	≤1	≤1
Stroboscopic effect metric (SVM):	≤0,4	≤0,4	≤0,4	≤0,4	≤0,4	≤0,4
Ponmax:	10,88W	11,49W	10,93W	11,53W	6,76W	6,79W

	F006WW30	F006NW30	F006WW15X60	F006NW15X60	F003RGB30	F003RGB15X60
Lighting technology used:	LED	LED	LED	LED	LED	LED
Directional or non-directional:	DLS	DLS	DLS	DLS	DLS	DLS
Mains or non-mains:	NMLS	NMLS	NMLS	NMLS	NMLS	NMLS
CLS:	No	No	No	No	No	No
Color tunable light source:	No	No	No	No	Yes	Yes
Anti-glare shield:	No	No	No	No	No	No
Dimmable:	No	No	No	No	Yes	Yes
Energy consumption (kWh/1000h):	24 kWh/1000h	24 kWh/1000h	24 kWh/1000h	24 kWh/1000h	36 kWh/1000h	36 kWh/1000h
Energy efficiency class:	G	G	G	G	G	G
Useful luminous flux (Øuse) (lm):	1624 lm	1732 lm	1632 lm	1740 lm	893 lm	898 lm
Correlated color temperature (K):	3000K	4000K	3000K	4000K	RGB	RGB
On-mode power (Pon) (W):	24W	24W	24W	24W	36W	36W
Standby power (Psb):	-	-	-	-	-	-
Networked standby power (Pnet) (W):	-	-	-	-	-	-
Outer dimensions (HxWxL, HxØ) (mm):	110x54x1000 mm	110x54x1000 mm	110x54x10900	110x54x1000 mm	110x54x1000 mm	110x54x1000 mm
CRI:	80	80	80	80	80	80
Chromaticity coordinates (x and y):	x=0.4320 y=0.4090	x=0.3780 y=0.3780	x=0.4320 y=0.4090	x=0.3780 y=0.3780	x=0.2760 y=0.2150	x=0.2760 y=0.2150
Peak luminous intensity (cd):	-	-	-	-	-	-
Beam angle in degrees:	30°	30°	15°X60°	15°X60°	30°	15°X60°
R9 color rendering index:	4	4	4	4	-	-
Survival factor:	90%	90%	90%	90%	90%	90%
Lumen maintenance factor:	95,81%	95,81%	95,81%	95,81%	95,81%	95,81%
Displacement factor (cosφ1)	-	-	-	-	-	-
McAdam ellipses:	6	6	6	6	6	6
Flicker metric (Pst LM):	≤1	≤1	≤1	≤1	≤1	≤1
Stroboscopic effect metric (SVM):	≤0,4	≤0,4	≤0,4	≤0,4	≤0,4	≤0,4
Ponmax:	20,03W	21,25W	20,13W	21,34W	11,79W	11,85W