XCORE

CRQ02NW MBK

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GENERAL INFORMATION / INFORMAȚII GENERALE / INFORMAZIONI GENERALI

Code	Finishing	LED type	Power	Input voltage	Output current/voltage driver	Driver	LED flux	System flux	CCT	CRI	Optics	Weight
CRQ02NW MBK	Mat black	COB CREE	18W	220-240V AC	450 mA / 36V DC	Included	2260 lm	1487 lm	4000K	80	38°	0,56 kg

Description / Descriere / Descrizione

EN - Square ceiling light fitting for interior, sourface mounted, equipped with COB LED, neutral white color temperature.

RO - Plafonieră pătrată de interior, pentru montaj aparent, echipată cu LED COB, temperatură de culoare alb neutru.

IT - Plafoniera quadrata per interni, montaggio di superficie, equipaggiata di LED COB, temperatura di colore bianco neutro.

Housing / Corp / Corpo

EN - Structure of die-cast aluminum, electrostatically painted in mat black with fixed base for ceiling mounting.

RO - Structură din aluminiu turnat, vopsită în câmp electrostatic, culoare negru mat, cu bază fixă pentru montajul pe tavan.

IT - Struttura in pressofusione di alluminio, verniciata a polveri, colore nero opaco, con base fissa per montaggio a soffitto.

Optics / Sistem optic / Ottica

EN - The light fitting is equipped with an optical system with FRESNEL lens of polycarbonate, UGR<10. Decorative ring of aluminum, electrostatically painted in mat white.

RO - Corpul de iluminat este prevăzut cu un sistem optic cu lentilă FRESNEL din policarbonat, UGR<10. Inel decorativ din aluminiu, vopsit în câmp electrostatic, alb mat.

IT - L'apparecchio viene consegnato completo di sistema ottico con lente FRESNEL in policarbonato, UGR<10. Anello decorativo in alluminio, verniciato bianco opaco a polveri.

Electric gear / Aparataj de alimentare / Alimentazione

EN - Constant current LED driver included.

RO - Alimentator LED în curent constant inclus.

IT - Alimentatore LED in corrente costante incluso.

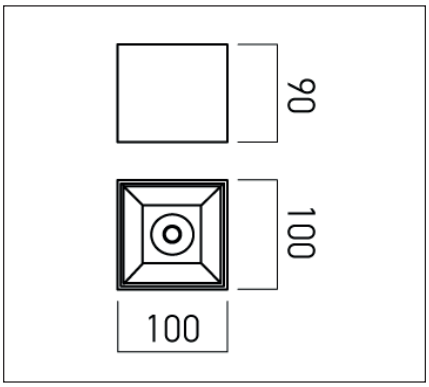
Range of applications / Aplicații / Campi di applicazione

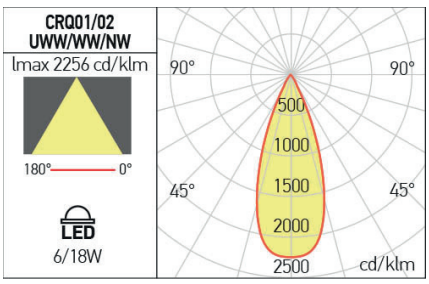
EN - General interior lighting, decorative lighting.

RO - Iluminatul general de interior, iluminatul decorativ.

IT - Illuminazione generale d'interni, illuminazione decorativa.







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

Lighting technology used:	LED
Directional or non-directional:	NDLS
Mains or non-mains:	NMLS
CLS:	No
Color tunable light source:	No
Anti-glare shield:	No
Dimmable:	No
Energy consumption (kWh/1000h):	18
Energy efficiency class:	D
Useful luminous flux (Øuse):	2260 lm
Correlated color temperature:	4000K
On-mode power (Pon):	18W
Standby power (Psb):	≤0,50
Networked standby power (Pnet):	-
Outer dimensions (HxWxL, HxØ):	90x100x100 mm
CRI:	80
Chromaticity coordinates (x and y):	x=0.3804,y=0.3795
Peak luminous intensity (cd):	3359
Beam angle in degrees:	38°
R9 color rendering index:	1
Survival factor:	90%
Lumen maintenance factor:	96%
Displacement factor (cosφ1):	-
McAdam ellipses:	6
Flicker metric (Pst LM):	≤1
Stroboscopic effect metric (SVM):	≤0.4
Ponmax:	27,21W

Standards:
EN 60598-1:2015 + A1:2018, EN 60598-2-1:2020, 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.