

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
SM02WW SBK	Satin black	SMD 2835 EPISTAR	20W	220-240V AC	600 mA / 21-35V DC	Included	2400 lm	1592 lm	3000K	80	120°	2,10 kg

Description / Descriere / Descrizione

EN - Ceiling light fitting equipped with SMD LEDs, warm white color temperature.

RO - Plafonieră echipată cu LED-uri SMD cu temperatură de culoare alb cald.

IT - Plafoniera equipaggiata a LED SMD con temperatura di colore bianco caldo.

Housing / Corp / Corpo

EN - Housing of die-cast aluminum, electrostatically painted in mat white, sandblasted finishing. Fixing clamp of steel painted in black.

RO - Carcasa din aluminiu turnat, vopsită în câmp electrostatic, culoare negru mat cu finisaj sablat. Bridă de fixare din oțel vopsită neagră.

IT - Corpo in alluminio pressofuso, vernicio a polveri nero opaco con finitura sabbiata. Staffa di fissaggio in acciaio verniciato a polveri nero.

Optics / Sistem optic / Ottica

EN - Satin acrylic diffuser.

RO - Dispersor acrilic satinat.

IT - Diffusore acrilico satinato.

Electric gear / Aparataj de alimentare / Alimentazione

EN - Constant current LED driver included.

RO - Alimentator LED în curent constant inclus.

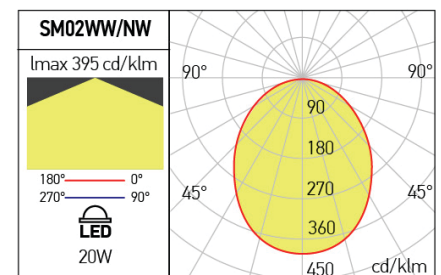
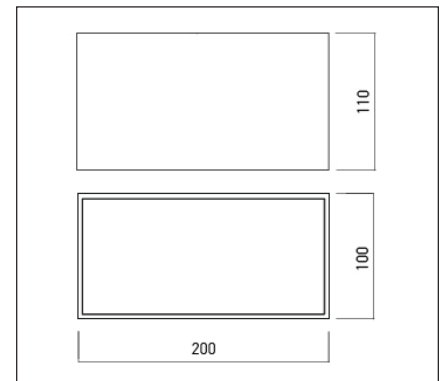
IT - Alimentatore LED in corrente costante incluso.

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:	DLS
Mains or non-mains:	NMLS
CLS:	No
Color tunable light source:	No
Anti-glare shield:	No
Dimmable:	No
Energy consumption (kWh/1000h):	20
Energy efficiency class:	E
Useful luminous flux (Φuse):	2400 lm
Correlated color temperature:	3000K
On-mode power (Pon):	20,14W
Standby power (Psb):	≤0,50
Networked standby power (Pnet):	-
Outer dimensions (HxWxL, HxØ):	110x100x200 mm
CRI:	80
Chromaticity coordinates (x and y):	x=0.4500, y=0.4070
Peak luminous intensity (cd):	-
Beam angle in degrees:	120°
R9 color rendering index:	0
Survival factor:	90%
Lumen maintenance factor:	95,81%
Displacement factor (cosφ1):	-
McAdam ellipses:	5
Flicker metric (Pst LM):	≤1
Stroboscopic effect metric (SVM):	≤0.4
Ponmax:	28,78W



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.