

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
LM02NW SBK	Satin black	SMD 2835 OSRAM	10W	220-240V AC	150 mA / 25-40V DC	Included	1180 lm	727 lm	4000K	80	120°	0,17 kg

Description / Descriere / Descrizione

EN - Downlight with SMD LEDs, neutral white color temperature.

RO - Corp de iluminat încastrat, echipat cu LED-uri SMD, temperatură de culoare alb neutru.

IT - Apparecchio da incasso con LED SMD, temperatura di colore bianco neutro.

Housing / Corp / Corpo

EN - Housing and the support for LEDs, also acting as heat sink, of die-cast aluminum, electrostatically painted in black color with sandblasted finishing.

RO - Corpul și suportul pentru LED-uri cu rol și de radiator din aluminiu turnat, vopsite în câmp electrostatic, culoare neagră cu finisaj sablat.

IT - Corpo e supporto/radiatore per LED in pressufusione di alluminio, verniciati a polveri nero con finitura sabbiata.

Optics / Sistem optic / Ottica

EN - Diffuser of opal acrylic.

RO - Dispersor din acril opal.

IT - Diffusore in acrilico opalino.

Electric gear / Aparataj de alimentare / Alimentazione

EN - Constant current LED driver delivered with the light fitting.

RO - Alimentator în curent constant livrat împreună cu corpul de iluminat.

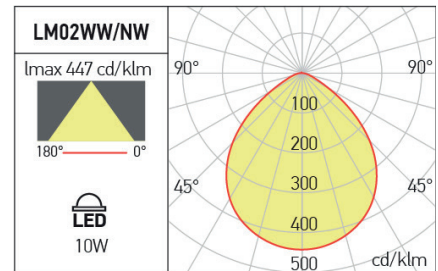
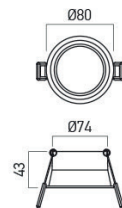
IT - Alimentatore in corrente costante fornito con l'apparecchio.

Range of applications / Aplicații / Campi di applicazione

EN - Interior general lighting.

RO - Iluminatul general de interior.

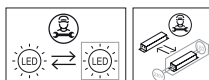
IT - Illuminazione generale d'interni.



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):	10
Energy efficiency class:	F
Useful luminous flux (Φuse):	1180 lm
Correlated color temperature:	4000K
On-mode power (Pon):	10,42W
Standby power (Psb):	≤0,50
Networked standby power (Pnet):	-
Outer dimensions (HxWxL, HxØ):	43x80 mm
CRI:	80
Chromaticity coordinates (x and y):	x=0.3804,y=0.3795
Peak luminous intensity (cd):	-
Beam angle in degrees:	120°
R9 color rendering index:	3
Survival factor:	90%
Lumen maintenance factor:	95,81%
Displacement factor (cosφ1):	0,5
McAdam ellipses:	5
Flicker metric (Pst LM):	≤1
Stroboscopic effect metric (SVM):	≤0,9
Ponmax:	11,33W



Standards:

EN 60598-1:2015 + A1:2018, EN 60598-2-2:2012, 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.