

XZEN
ZN01WW SWH/SWH

Application field / Finishing	Indoor / Sand white/sand white
Mounting	Ceiling recessed
Light orientation type	Adjustable light
Protection class	Classe II
IP / IK rating	IP40
Input voltage	220-240V AC
System power	1x6W
Driver	Included
Driver output current / Voltage	150 mA / 27-40V DC
LED type	COB
LED flux / System flux	732 lm / 508 lm
Color temperature / CRI / UGR	3000K / 90 / <16
Optics	36°
Ambient temperature	-20 ÷ +50 °C
Warranty	5 years
Weight	0,14 kg

Dimming control	ON/OFF
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Description / Descriere / Descrizione

EN - Recessed, adjustable downlight for interior, equipped with COB LED, warm white color temperature.
RO - Corp de iluminat încastrat, orientabil, pentru montaj în interior, echipat cu LED COB, temperatură de culoare alb cald.
IT - Faretto orientabile da incasso per interni, dotato di LED COB, temperatura di colore bianco caldo.

Housing / Corp / Corpo

EN - Body of die-cast aluminum electrostatically painted in white with sandblasted finishing. Decorative ring of polypropylene painted in sand white. Heat sink of die-cast aluminum, electrostatically painted in black color.
RO - Corpul din aluminiu turnat vopsit în câmp electrostatic, culoare albă cu finisaj sablat. Inel decorativ din polipropilenă vopsit alb sablat. Radiatorul din aluminiu turnat, vopsit în câmp electrostatic, culoare neagră.
IT - Corpo in alluminio pressofuso verniciato a polveri colore bianco con finitura sabbiata. Anello decorativo in polipropilene verniciato bianco sabbiato. Dissipatore in alluminio pressofuso, verniciato a polveri nero.

Optics / Sistem optic / Ottica

EN - Optical system with polycarbonate FRESNEL lens, 36° dispersion.
RO - Sistem optic cu lentilă FRESNEL din policarbonat cu dispersie de 36°.
IT - Sistema ottico con lente FRESNEL in policarbonato, dispersione 36°.

Electric gear / Aparataj de alimentare / Alimentazione

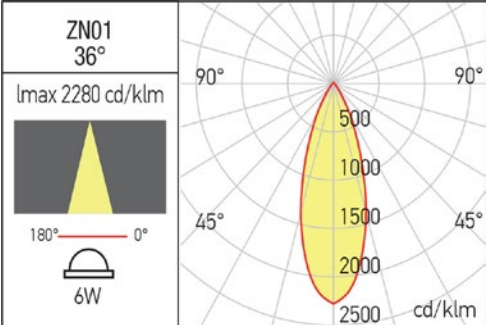
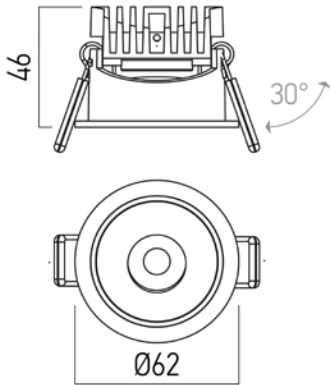
EN - Constant current LED driver delivered with the light fitting and connected directly to the downlight.
RO - Alimentator LED în curent constant livrat împreună cu corpul de iluminat și conectat direct la acesta.
IT - Alimentatore LED a corrente costante fornito con l'apparecchio e collegato direttamente ad esso.

Range of applications / Aplicații / Campi di applicazione

EN - General or accent lighting in commercial areas, museums and other exhibition spaces, residential and recreational areas. Domestic lighting.
RO - Iluminatul general sau de accent în spații comerciale, muzee și alte spații de expunere, zone rezidențiale și zone de agrement. Iluminatul domestic.
IT - Illuminazione generale o d'accento in musei, spazi espositivi, aree residenziali e ricreative. Illuminazione domestica.

Standards

EN 60598-1:2021, EN 60598-2-2:2024, EN 62493:2015 + A1:2022, EN 62471:2008, EN 62031:2020 + A11:2021, EN 60529:1995 + A2:2015, EN 55015:2019 + A11:2020, EN 61000-3-2:2019 + A2:2024, EN 61000-3-3:2013 + A1:2019, EN 61547:2009, EN 62717:2017 + A2:2019, EN 62722-2-1:2023.



ErP and ecodesign data

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):	6
Energy efficiency class:	E
Useful luminous flux (Øuse):	732 lm
Correlated color temperature:	3000K
On-mode power (Pon):	6W
Standby power (Psb):	≤0,50
Networked standby power (Pnet):	-
Outer dimensions (HxWxL, HxØ):	43x62 mm
CRI:	90
Chromaticity coordinates (x and y):	x=0.4339, y=0.4033
Peak luminous intensity (cd):	1410
Beam angle in degrees:	36°
R9 color rendering index:	45
Survival factor:	90%
Lumen maintenance factor:	95.81%
Displacement factor (cosφ1):	0.7
McAdam ellipses:	3
Flicker metric (Pst LM):	≤1
Stroboscopic effect metric (SVM):	≤0,4
Ponmax:	10.60W



LED removal by a specialist	Yes
DRIVER removal by a specialist	Yes