

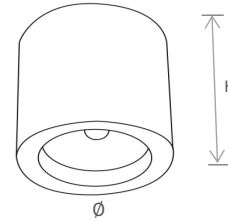


Dimensions

Product dimensions (mm)	ø100/120/150/200 x H100
Weight (g)	500g / 750g

Schematic

Product drawings



CYLO SR SURFACE DOWNLIGHT

DESCRIPTION

CYLO SR is a fixed cylindrical LED downlight luminaire with aluminium injection body and CoB LED light source inside. For surface mounted lighting applications, it is been selected because of its rotational design energy efficient features. CYLO SR has a high efficient aluminium reflector which allows well light beam control and high lumen output ratio with low glare.

CYLO SR is able to be controlled via DALI protocol and wirelessly control as optional.

CYLO SR can widely be used in projects such as art galleries, hotels, retail stores, educational facilities, hospitals... etc.

Item code	DWN12
Application type	Indoor applications
Category	Surface downlight
Product family	CYLO
Subcategory	CYLO SR
Material	Luminaire body made of aluminium injection body with electrostatic powder paint.
Optical system	High efficient aluminium reflector and transparent protection glass. Beam angle is 12°, 24°, 36°
Mounting options	Surface mounted

Accessories

Optional

3HEM	3 hours emergency conversion module
RMT	Wireless control module(BLE)
SBM	Surface mounting bracket
ATR	3 Phase track adaptor
HML	Honeycomb louver

Product	DWN12
Real power (W)	8/10/14/27
Real lumen output (Lm)	700/900/1250/2500
Light output ratio LOR (%)	87%
Efficacy (Lm/W)	89
Beam angle (°)	12°, 24°, 36°
Lifespan (h)	50000
IP rate	IP20/IP44
IK rate	IK04
Isolation class	Class 1
Photobiological risk group	RG0 (no risk)
Diffuser/Optical constituent	Reflector
Ambient operating temperature	-15°C, +35°C
Electrical feeding	220..240VAC, 50/60Hz
Body colour options (RAL)	<div style="display: flex; align-items: center; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">9005</div> <div style="border: 1px solid black; padding: 2px;">9006</div> <div style="border: 1px solid black; padding: 2px;">7016</div> <div style="border: 1px solid black; padding: 2px;">9016</div> + any RAL </div>
Energy efficiency class	A+

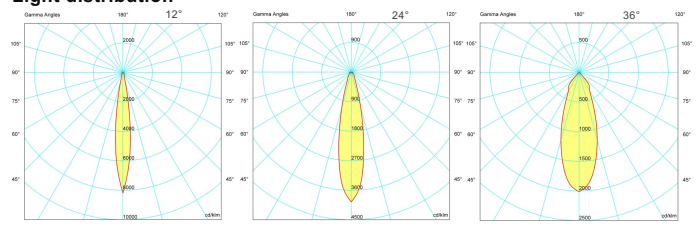
Driver/Power Supply

Driver included	Yes
Driver type	Electronic driver
Flicker free	Yes

Light source included	Yes
Light source type	LED
LED type	CoB
Nominal power (W)	7/9/13/25
Total lumen (Lm)	805/1034/1436/2873
CCT (K)	2700/3000/4000
MacAdam (SDCM)	3
Colour rendering index (CRI, Ra)	>80

Photometry

Light distribution



PRODUCT SELECTION

ORDER CODE	POWER (W)	LUMEN (lm)	CCT (K)	CRI (Ra)	BODY FORM	BODY COLOUR	IP	MOUNTING	CONTROL TYPE	DIAMETER (mm)	H (mm)
DWN12.00.4.1.27S11SW	7W	700	2700K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	ON-OFF	100	100
DWN12.00.4.1.27S12SW	7W	700	2700K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	ON-OFF	100	100
DWN12.00.4.1.27S11DA	7W	700	2700K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	DALI	100	100
DWN12.00.4.1.27S12DA	7W	700	2700K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	DALI	100	100
DWN12.00.4.1.30S11SW	7W	700	3000K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	ON-OFF	100	100
DWN12.00.4.1.30S12SW	7W	700	3000K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	ON-OFF	100	100
DWN12.00.4.1.30S11DA	7W	700	3000K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	DALI	100	100
DWN12.00.4.1.30S12DA	7W	700	3000K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	DALI	100	100
DWN12.00.4.2.27S11SW	9W	900	2700K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	ON-OFF	120	100
DWN12.00.4.2.27S12SW	9W	900	2700K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	ON-OFF	120	100
DWN12.00.4.2.27S11DA	9W	900	2700K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	DALI	120	100
DWN12.00.4.2.27S12DA	9W	900	2700K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	DALI	120	100
DWN12.00.4.2.30S11SW	9W	900	3000K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	ON-OFF	120	100
DWN12.00.4.2.30S12SW	9W	900	3000K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	ON-OFF	120	100
DWN12.00.4.2.30S11DA	9W	900	3000K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	DALI	120	100
DWN12.00.4.2.30S12DA	9W	900	3000K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	DALI	120	100
DWN12.00.4.3.27S11SW	13W	1250	2700K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	ON-OFF	150	100
DWN12.00.4.3.27S12SW	13W	1250	2700K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	ON-OFF	150	100
DWN12.00.4.3.27S11DA	13W	1250	2700K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	DALI	150	100
DWN12.00.4.3.27S12DA	13W	1250	2700K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	DALI	150	100
DWN12.00.4.3.30S11SW	13W	1250	3000K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	ON-OFF	150	100
DWN12.00.4.3.30S12SW	13W	1250	3000K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	ON-OFF	150	100
DWN12.00.4.3.30S11DA	13W	1250	3000K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	DALI	150	100
DWN12.00.4.3.30S12DA	13W	1250	3000K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	DALI	150	100
DWN12.00.4.4.27S11SW	25W	2500	2700K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	ON-OFF	200	100
DWN12.00.4.4.27S12SW	25W	2500	2700K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	ON-OFF	200	100
DWN12.00.4.4.27S11DA	25W	2500	2700K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	DALI	200	100
DWN12.00.4.4.27S12DA	25W	2500	2700K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	DALI	200	100
DWN12.00.4.4.30S11SW	25W	2500	3000K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	ON-OFF	200	100
DWN12.00.4.4.30S12SW	25W	2500	3000K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	ON-OFF	200	100
DWN12.00.4.4.30S11DA	25W	2500	3000K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	DALI	200	100
DWN12.00.4.4.30S12DA	25W	2500	3000K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	DALI	200	100