

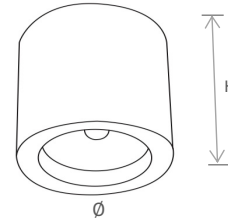


Dimensions

Product dimensions (mm)	∅110/130/150/200 x H100
Weight (g)	500g / 750g

Schematic

Product drawings



CYLO O SURFACE DOWNLIGHT

DESCRIPTION

CYLO O 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 O has an opal PMMA light diffuser which allows well homogeneous light and high lumen output ratio with low glare.

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

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

Item code	DWN13
Application type	Indoor applications
Category	Surface downlight
Product family	CYLO
Subcategory	CYLO O
Material	Luminaire body made of aluminium injection body with electrostatic powder paint.
Optical system	Opal PMMA diffuser
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

Product	DWN13
Real power (W)	8/10/14/27
Real lumen output (Lm)	800/1000/1250/2500
Light output ratio LOR (%)	78%
Efficacy (Lm/W)	95
Beam angle (°)	98°
Lifespan (h)	50000
IP rate	IP20/IP44
IK rate	IK04
Isolation class	Class 1
Photobiological risk group	RG0 (no risk)
Diffuser/Optical constituent	Opal PMMA diffuser
Ambient operating temperature	-15°C, +35°C
Electrical feeding	220..240VAC, 50/60Hz
Body colour options (RAL)	<input type="checkbox"/> 9005 <input type="checkbox"/> 9006 <input type="checkbox"/> 7016 <input type="checkbox"/> 9016 + any RAL

Energy efficiency class A+

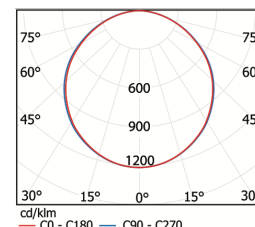
Driver/Power Supply

Driver included	Yes
Driver type	Electronic driver
Flicker free	Yes

Light source included	Yes
Light source type	LED
LED type	CoB
Nominal power (W)	8/10/13/25
Total lumen (Lm)	1025//1282/1602/3205
CCT (K)	2700/3000/4000/6500
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)
DWN13.00.1.1.27S11SW	8W	800	2700K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	ON-OFF	110	100
DWN13.00.1.1.27S12SW	8W	800	2700K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	ON-OFF	110	100
DWN13.00.1.1.27S11DA	8W	800	2700K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	DALI	110	100
DWN13.00.1.1.27S12DA	8W	800	2700K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	DALI	110	100
DWN13.00.1.1.30S11SW	8W	800	3000K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	ON-OFF	110	100
DWN13.00.1.1.30S12SW	8W	800	3000K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	ON-OFF	110	100
DWN13.00.1.1.30S11DA	8W	800	3000K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	DALI	110	100
DWN13.00.1.1.30S12DA	8W	800	3000K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	DALI	110	100
DWN13.00.1.2.27S11SW	10W	1000	2700K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	ON-OFF	130	100
DWN13.00.1.2.27S12SW	10W	1000	2700K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	ON-OFF	130	100
DWN13.00.1.2.27S11DA	10W	1000	2700K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	DALI	130	100
DWN13.00.1.2.27S12DA	10W	1000	2700K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	DALI	130	100
DWN13.00.1.2.30S11SW	10W	1000	3000K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	ON-OFF	130	100
DWN13.00.1.2.30S12SW	10W	1000	3000K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	ON-OFF	130	100
DWN13.00.1.2.30S11DA	10W	1000	3000K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	DALI	130	100
DWN13.00.1.2.30S12DA	10W	1000	3000K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	DALI	130	100
DWN13.00.1.3.27S11SW	13W	1250	2700K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	ON-OFF	150	100
DWN13.00.1.3.27S12SW	13W	1250	2700K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	ON-OFF	150	100
DWN13.00.1.3.27S11DA	13W	1250	2700K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	DALI	150	100
DWN13.00.1.3.27S12DA	13W	1250	2700K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	DALI	150	100
DWN13.00.1.3.30S11SW	13W	1250	3000K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	ON-OFF	150	100
DWN13.00.1.3.30S12SW	13W	1250	3000K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	ON-OFF	150	100
DWN13.00.1.3.30S11DA	13W	1250	3000K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	DALI	150	100
DWN13.00.1.3.30S12DA	13W	1250	3000K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	DALI	150	100
DWN13.00.1.4.27S11SW	25W	2500	2700K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	ON-OFF	200	100
DWN13.00.1.4.27S12SW	25W	2500	2700K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	ON-OFF	200	100
DWN13.00.1.4.27S11DA	25W	2500	2700K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	DALI	200	100
DWN13.00.1.4.27S12DA	25W	2500	2700K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	DALI	200	100
DWN13.00.1.4.30S11SW	25W	2500	3000K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	ON-OFF	200	100
DWN13.00.1.4.30S12SW	25W	2500	3000K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	ON-OFF	200	100
DWN13.00.1.4.30S11DA	25W	2500	3000K	>80	CYLINDRICAL	WHITE	IP20	SURFACE	DALI	200	100
DWN13.00.1.4.30S12DA	25W	2500	3000K	>80	CYLINDRICAL	BLACK	IP20	SURFACE	DALI	200	100