LINGO TW SURFACE LED DOWNLIGHT

DESCRIPTION

LINGO TW luminaire product series have square aluminium injection body with electrostatic powder painted which allows surface mounted application areas.

LINGO TW is a modular luminaire and has different power and lumen ranges which can be integrated on any ceiling surfaces. It can be manufactured as IP40, IP44 and IP54 protection classes.

LINGO TW is able to be controlled via DALI protocol and wirelessly control as optional. It is also possible to integrate emergecy conversion modules as 1 hour or 3 hours backup time depends on project application field.

LINGO TW can be used in projects such as offices, hotels, retail stores, hospitals…etc.

Item code	DWN16
Application type	Indoor applications
Category	Surface luminaires
Product family	LINGO
Subcategory	LINGO TW
Material	Luminaire body made of aluminium injection body with electrostatic powder paint.
Optical system	Optical lens
Mounting options	Surface mounted

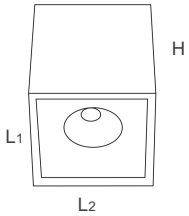
Accessories	
STF1	Suspension tie-rod wire – 1 meter
ST01	Suspension steel wire with cable – 1 meter
Optional	
3HEM	3 hours emergency convertion module
ATR	3 Phase track adaptor
RMT	Wireless control module(BLE)
HP40	IP40 protection class
HP44	IP44 protection class
HP54	IP54 protection class

Dimensions

Product dimensions (mm)	**L1**120 x **L2**60
Height (mm)	**H**85
Weight (g)	450 g

Schematic

Product drawings



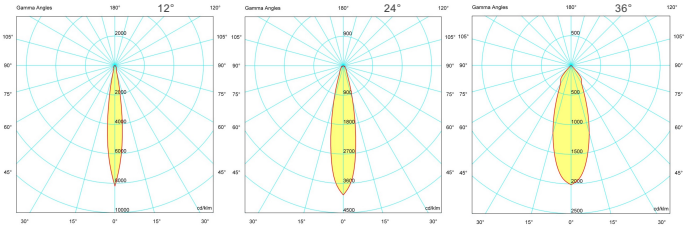
Product	DWN16
Real power (W)	11
Real lumen output (Lm)	900
Light output ratio LOR (%)	85%
Efficacy (Lm/W)	81
Beam angle (°)	12°, 24°, 36°
Lifespan (h)	45000
IP rate	IP20/40/44/54
IK rate	IK02
Isolation class	Class 1
Photobiological risc group	RG0 (no risk)
Diffuser/Optical constituent	Opal PMMA diffuser
Ambient operating temperature	0°C , +35°C
Electrical feeding	220..240VAC, 50/60Hz
Body colour options (RAL)	9005 9006 7016 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	GU10 LED lamp
LED type	SMD/CoB
Nominal power (W)	10
Total lumen (Lm)	1158
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	WxL (mm)	H (mm)
DWN16.01.4.1.30S11SW	2X5W	900	3000K	>80	RECTANGULAR	WHITE	IP20	SURFACE	ON-OFF	120X60	85
DWN16.01.4.1.30S12SW	2X5W	900	3000K	>80	RECTANGULAR	BLACK	IP20	SURFACE	ON-OFF	120X60	85