



GreenSpace Surface mounted Downlight – 12,000lm



September 2018

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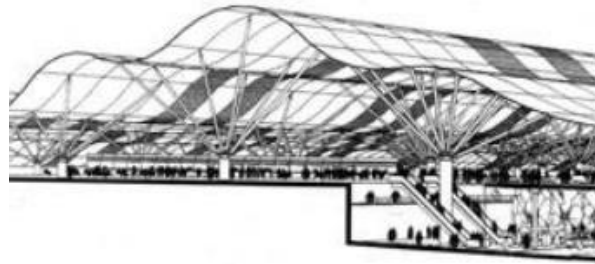
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Value Propositions



Why this product

- Sufficient & efficient light for extremely high ceilings
- Design compactness for integration with interior space
- Less hassle maintenance for operational efficiency
- Product diversity for different applications
- Connected for dimming or scheduling on request



How to realize

- High lumen design with superior LED & optical efficiency
- Compact form factor integrating the driver
- Reliable luminaire design with full metal housing
- Multiple options in terms of beam angle and mounting
- Multiple driver options compatible with LED module



What we offer

- 12000lm with leading optical efficacy up to 120lm/W
- Outer diameter 220mm, overall height <250mm for PSU
- Lifetime of 50000 hours L70@Ta 35°C, IP65
- WB & MB, Surface mounted & Suspended
- DALI dimming available, 1-10V dimming via customization

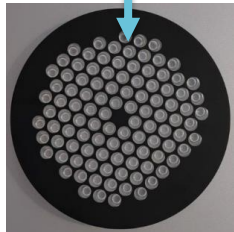
Key differentiators

Reliable and less-hassle maintenance

- ALU housing
- 50,000hrs L70 @ Ta35°C
- IP65

Superior optics with visual comfort

- High efficacy
- MB&WB (Uniformity for different configurations)
- Louver option for UGR improvement (ETO)



Cater to different installation requirements

- Surface mounted
- Suspended

Connected lighting

- DALI (With increased height)

Slim design/look & feel

- Slim form factor
- Diameter 220mm

- 12,000lm
- CRI 80
- SDCM 3

GreenSpace surface mounted – Features and benefits



On/off



DALI



Features and benefits:

- Superior optics - up to **120 lm/W**, **two beam options** for design flexibility
- Solid look & feel with compactness – **Slim form factor**, diameter 220mm
- Excellent light quality with consistency – **CRI >80**, **SDCM 3**
- Reliable performance - Lifetime **50,000hours** L70 Ta **35° C**
- Easy installation – **Surface mounted** and **suspended** available

Applications

- Airport
- Station concourse
- Exhibition center
- Semi-outdoor area



GreenSpace surface mounted designation

DN397C LED12/840 PSU WH WB (S) GC



1 Lumen package
DN397C LED12 – 12000lm

2 CCT
830 - 3000K
840 – 4000K
865 – 6500K

3 Driver (External)
PSU - On/off
PSD - DALI

4 Housing color
WH – White
BK – Black

5 Beam option
MB – BA 30~35°
WB – BA 50~55°

6 Mounting option
- Surface mounted
S – Suspended

7 Region
GC – Greater China
GM – Growth markets



Technical Specifications

GreenSpace Surface mounted 12,000lm		Unit	DN397C PSU
System performance	Initial lumen typ.±10%@840	[lm]	12000
	Efficacy typ.±10%@840	[lm/W]	118lm/W
	Color consistency	[SDCM]	3
	Lifetime (Ta 35°C) @B50L70	[hours]	50,000
	Operating temperature temp	[°C]	-20~40
	IP rating		IP65
Optical	CRI		Ra ≥ 80; R9 ≥ 0
	UGR		<25
	Beam angle	[°]	MB – 30~35; WB 50~55
Electrical	Supply voltage	V/Hz	220~240V AC, 50/60Hz
	Power factor		0.9
	THD		<15%
	Driver		On/off, DALI
Mechanical	Dimension	[mm]	PSU – Ø220 X236; PSD – Ø220 X 361
	Weight	[Kg]	PSU – 4.7; PSD – 6.2
	IK		06
	Material		Metal housing, plastic lens
	Maintenance		Driver replaceable
Approbation	Approbation		CCC, CB, EMC, CE, ASNZ

Driver information



PSU driver

Xitanium 150W 1.05A 230V I175
929001400280



PSD driver

Xi FP 150W 0.3-1.0A SNLDAE 230V S240 sXt
929001644306

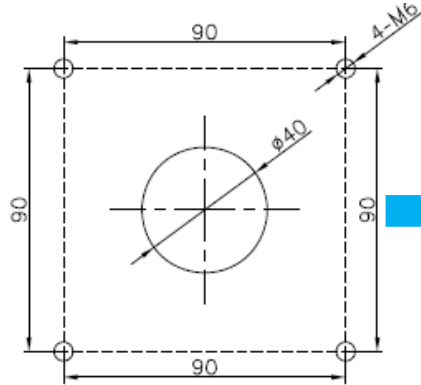


1-10V driver (ETO option)

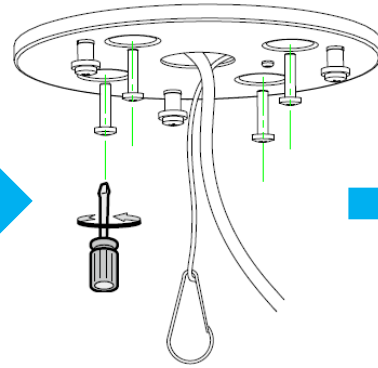
Xi FP 150W 0.3-1.0A SNLDAE 230V S240 sXt
9290 009 62906

Product Installation

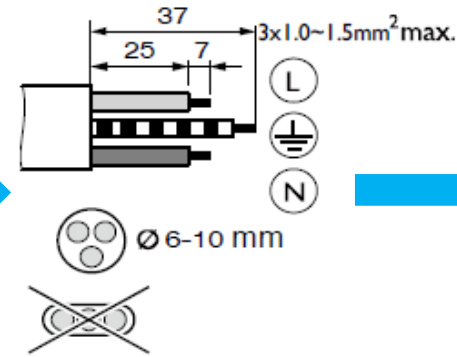
Surface mounted



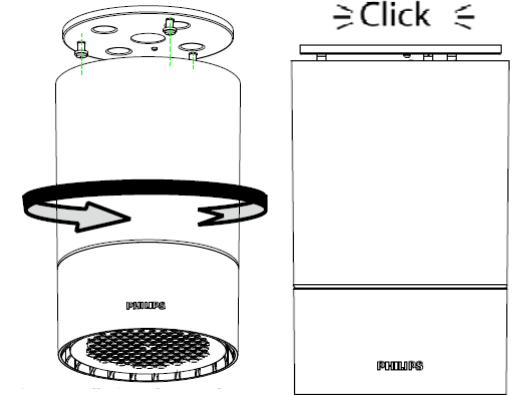
- Hole (min Dia.40mm) in the ceiling for input wiring
- Then install four M6 expansion anchors



- Fix the Installation plate on the ceiling with four M6 Screws
- Connect the luminaire with safety chain

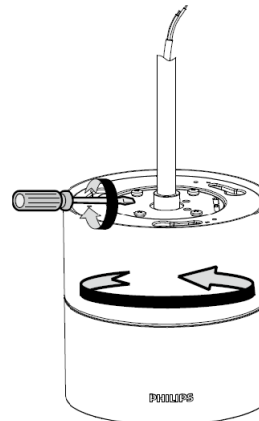
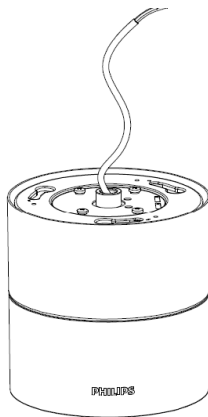


- Connect supply cable
- Connect the cable to the terminal box (min IP65)

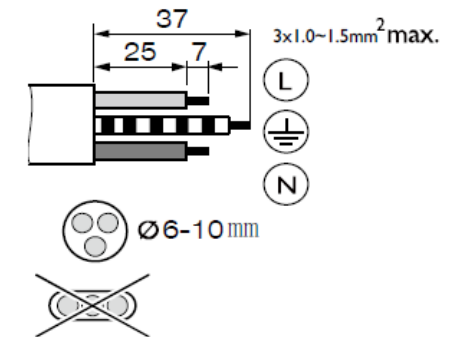
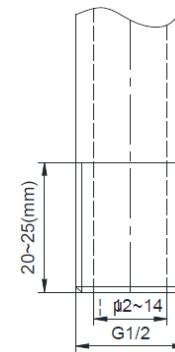


- Connect the luminaire with installation plate (anti-clockwise)

Suspended



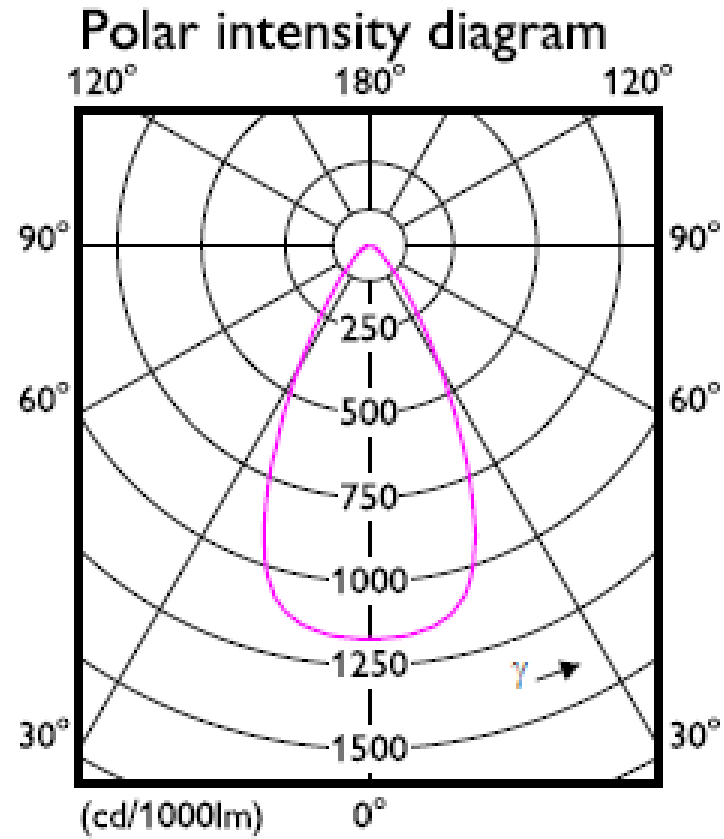
- Install the luminaire with pipe (as per required diameter)



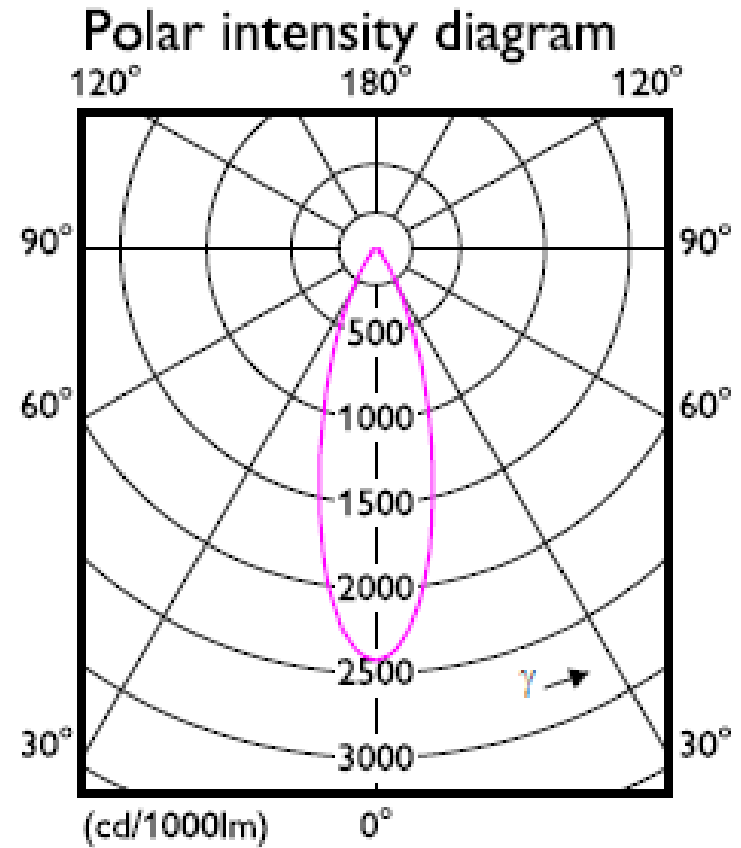
- Connect supply cable
- Connect the cable to the terminal box (min IP65)

More details about installation and connection can be found in the mounting instruction

Product Photometry



DN397C WB



DN397C MB

Product ordering information - GM

12NC	Description	CCT	Beam angle	Housing color	Driver	Mounting option
911401557351	DN397C LED12/830 PSU WH WB GM	3000K	50~55°	White	On/off	Surface mounted
911401557451	DN397C LED12/840 PSU WH WB GM	4000K	50~55°	White	On/off	Surface mounted
911401557551	DN397C LED12/865 PSU WH WB GM	6500K	50~55°	White	On/off	Surface mounted
911401557651	DN397C LED12/830 PSU WH MB GM	3000K	30~35°	White	On/off	Surface mounted
911401557751	DN397C LED12/840 PSU WH MB GM	4000K	30~35°	White	On/off	Surface mounted
911401557851	DN397C LED12/865 PSU WH MB GM	6500K	30~35°	White	On/off	Surface mounted
911401557951	DN397C LED12/840 PSD WH WB GM	4000K	50~55°	White	DALI	Surface mounted
911401558051	DN397C LED12/840 PSD WH MB GM	4000K	30~35°	White	DALI	Surface mounted
911401558251	DN397C LED12/840 PSU WH WB S GM	4000K	50~55°	White	On/off	Suspended
911401558351	DN397C LED12/865 PSU WH WB S GM	6500K	50~55°	White	On/off	Suspended
911401558551	DN397C LED12/840 PSU WH MB S GM	4000K	30~35°	White	On/off	Suspended
911401558651	DN397C LED12/865 PSU WH MB S GM	6500K	30~35°	White	On/off	Suspended

- More options available on request

Signify