

PLANA PRO- HG-ZLZD-E22(16)WDLP33
3 "ROUND RECESSED FIRE EMERGENCY DOWNLIGHT



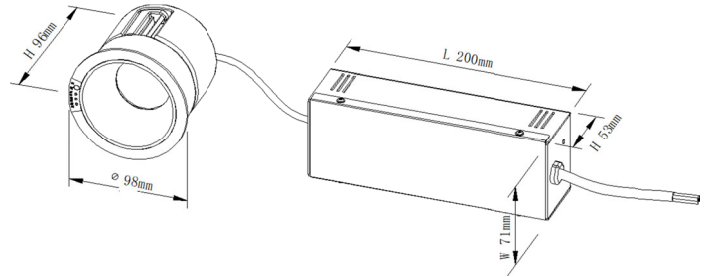
PROJECT:

TYPE:

Product Image



Line Drawing



Product Description

PLANA Pro series LED circular embedded fire emergency downlight, the whole light is exquisite and simple, equipped with SUBROSA hidden light technology, with accurate light distribution, and has the ultimate anti-glare effect. It adopts the structural and electrical design that meets the CCCF, retains the narrow edge style, and perfectly integrates with the ceiling after installation. It is mainly suitable for indoor places such as hotels, villas and commercial Spaces.

Product Features

- Body Material: Aluminum alloy die-casting
- Optical System: Lens+ SUBROSA® Hidden light system
- Finish: Static electricity powder coating
- Projection direction: unadjustable
- Accessories/Brackets: /
- Certification: CCCF (Certification codes HG-ZLZD-E22WDLP33 and HG-ZLZD-E16WDLP33)
- IP Rating: IP30
- Insulation Level: Class 1
- Operating Temperature: -20°C~40°C

Product Specifications

- Cut-out: Ø93mm
- Ceiling thickness: 1mm-40mm
- Shielding Angle: 35°
- LED Type: COB
- Source Lm: 3000K 1971LM/22W; 1463LM/ 16W;
- LED Lifetime: >50000h-L70 /B10-Ta25°C(LM-80/TM-21)
- CCT/CRI: 2700K/3000K/3500K/4000k/5000k CRI ≥90
- Input: 220V AC / 50Hz
- crash time > 90min (typical value 120min), > 50lm
- Net Weight: About 1.7Kg without packing

Order Model

Model	Sys. Power	Type	Beam	CCT	Reflector	Finish
DL Downlight	16W 16W 22W 22W	P33 DLP33	1 18°	27 2700K	B Black S Specular	W White B Black
			2 28°	30 3000K		
			3 38°	35 3500K		
			4 48°	40 4000K		
			5 58°	50 5000K		

Example:DL16WP33230BW

Note: The CCCF certification code and the ordering code are not exactly the same, and must be used in strict accordance with the standard, as detailed in the "Instructions for Use" and "Installation Instructions".

Attachment

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PLANA PRO- HG-ZLZD-E22(16)WDLP33

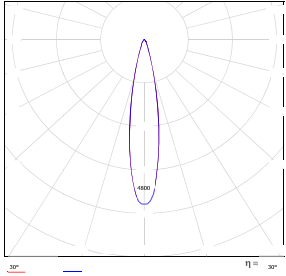
3 "ROUND RECESSED FIRE EMERGENCY DOWNLIGHT



PROJECT:

TYPE:

Light distribution curve @3000K data (parameters when the main light is on for non-emergency)



MODEL: DL16WP33130

BEAM ANGLE: 18°

POWER: 16W

LUMENS: 844 lm

CBCP: 5213cd

EFFICACY: 53 lm/W

MODEL: DL22WP33130

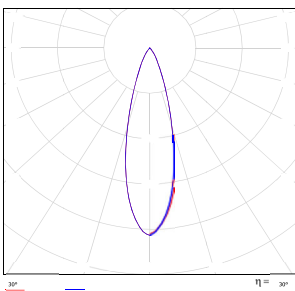
BEAM ANGLE: 18°

POWER: 22 W

LUMENS: 1047 lm

CBCP: 6468cd

EFFICACY: 48 lm/W



MODEL: DL16WP33230

BEAM ANGLE: 28°

POWER: 16W

LUMENS: 881 lm

CBCP: 2860cd

EFFICACY: 55 lm/W

MODEL: DL22WP33230

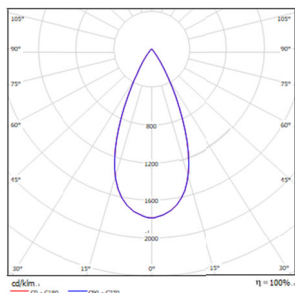
BEAM ANGLE: 28°

POWER: 22 W

LUMENS: 1084 lm

CBCP: 3518cd

EFFICACY: 49 lm/W



MODEL: DL16WP33330

BEAM ANGLE: 38°

POWER: 16W

LUMENS: 1015 lm

CBCP: 2477cd

EFFICACY: 63 lm/W

MODEL: DL22WP33330

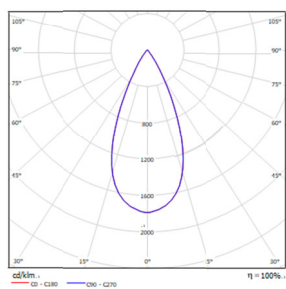
BEAM ANGLE: 38°

POWER: 22 W

LUMENS: 1241 lm

CBCP: 3028cd

EFFICACY: 56 lm/W



MODEL: DL16WP33430

BEAM ANGLE: 48°

POWER: 16W

LUMENS: 886 lm

CBCP: 1504cd

EFFICACY: 55 lm/W

MODEL: DL22WP33430

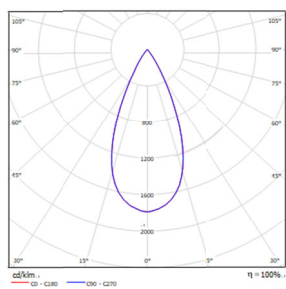
BEAM ANGLE: 48°

POWER: 22 W

LUMENS: 1096 lm

CBCP: 1861cd

EFFICACY: 50 lm/W



MODEL: DL16WP33530

BEAM ANGLE: 58°

POWER: 16W

LUMENS: 943 lm

CBCP: 1111cd

EFFICACY: 59 lm/W

MODEL: DL22WP33530

BEAM ANGLE: 58°

POWER: 22 W

LUMENS: 1204lm

CBCP: 1419cd

EFFICACY: 55 lm/W

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TYPE:

Instructions for use

There are: red (charging), green (main), yellow (fault) three color indicators (or red, yellow and green three-color indicators), a test button, a buzzer (electrical box).

Main power: green light, when the light is long on, it means that the mains is normal (Note: the lamp has an automatic voltage conversion circuit, if the mains voltage is about 150V, the lamp will be transferred from the mains state to the emergency state, when the mains voltage rises to about 170V, the lamp will automatically restore the mains state from the emergency state. When using this lamp, check whether the input AC voltage is normal). If this indicator blinks slowly, the lamp enters the monthly inspection state. This flash indicator indicates that the luminaire has entered the annual inspection state.

Charging: red indicator light, when the AC input end of the lamp is connected to the AC220V power supply, the circuit in the lamp automatically charges the battery, the battery is charged, the red indicator light is bright, when the battery is fully charged, the red charging indicator light is extinguished, and the circuit automatically switches to the trickle floating charge state after full charge, extending the service life of the lamp.

Fault: The indicator is yellow, and the status is as follows:

1. When the battery is not installed or the battery cable is not properly connected, the DC fuse is open, the battery is short-circuiting or failing, or the battery charging circuit is short-circuiting, the yellow indicator blinks at a slow time.
2. The light source is open or short circuited, and the yellow light is blinking quickly when the emergency circuit is faulty.
3. When the annual inspection time is less than 30min, the yellow light is on for a long time.

Test button: self-compound button, the user should be according to the requirements of the fire department to carry out regular inspection of the emergency light. If the pressing time is < 3S, the main power supply failure is simulated. If the pressing time is 3-6S, the lamps enter the monthly inspection state, and if the pressing time is > 6S, the lamps enter the annual inspection state. The button can be restored to the normal state during the monthly inspection and annual inspection. Under the emergency condition of the lamp, press > 3S continuously to turn off the emergency output.

Monthly inspection and annual inspection: The lamp has automatic monthly inspection and annual inspection function, in normal use and in the emergency work process does not discharge to the automatic shutdown state, the lamp will be every 30±2 days after 48H of power

The working state of the main power automatically changes to the emergency working state and lasts for 60 seconds, and then automatically recovers to the working state of the main power, and the green indicator blinks at a slow time. Lamps continue to work on main power every 1 year and in response

If the discharge is not automatically turned off during the emergency working process, the working state of the main power is automatically transferred to the emergency working state and continues until the discharge is terminated, and then the working state of the main power is automatically restored, and the green indication is given

If the emergency working time is less than 30 minutes, the lamp buzzer will sound for 1S, stop for 10S, and the yellow indicator will keep on.

The light source and battery of this series of lamps are replaced by non-users, if necessary, please contact the local dealer or manufacturer.