

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

3 "round recessed fire emergency Angle downlight



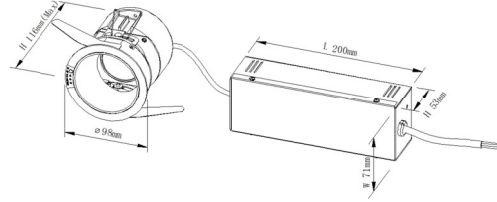
PROJECT:

TYPE:

Product Image



Line Drawing



Product Description

PLANA Pro series LED round embedded fire emergency adjustable Angle 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. Adopt It meets the structural and electrical design of 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: Level 0°~355° adjustment; Vertical adjustment 0°~30°
- Accessories/Brackets: /
- Certification:
 - CCCF (Certification code HG-ZLZD-E22WDDP31 and HG-ZLZD-E16WDDP31)
- 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
- EMERGENCY TIME: > 90min (typical value 120min), > 50lm
- Input: 220V AC / 50Hz
- Dimming: It is not dimmed and must be used in accordance with fire emergency standards
- Net Weight: About 1.7Kg without packing

Order Model

Model	Sys. Power	Type	Beam	CCT	Reflector	Finish
DL Downlight Directional Series	16W 16W 22W 22W	P33 DLP31	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:DD16WP31230BW

注: 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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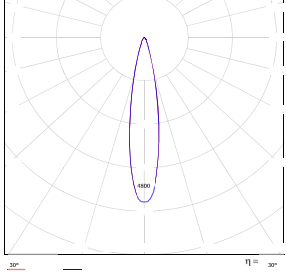
3 "round recessed fire emergency Angle downlight



PROJECT:

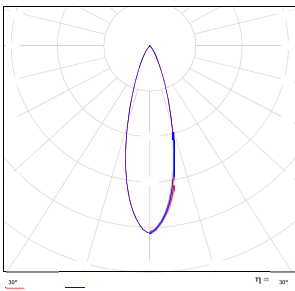
TYPE:

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



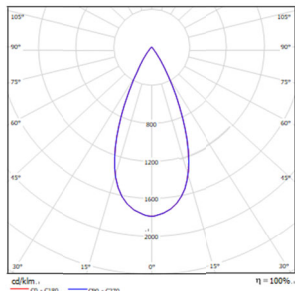
MODEL: DD16WP31130
BEAM ANGLE: 18°
POWER: 16W
LUMENS: 844 lm
CBCP: 5213 cd
EFFICACY: 53 lm/W

MODEL: DD22WP31130
BEAM ANGLE: 18°
POWER: 22 W
LUMENS: 1047 lm
CBCP: 6468 cd
EFFICACY: 48 lm/W



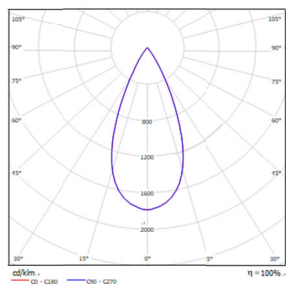
MODEL: DD16WP31230
BEAM ANGLE: 28°
POWER: 16W
LUMENS: 881 lm
CBCP: 2860cd
EFFICACY: 55 lm/W

MODEL: DD22WP31230
BEAM ANGLE: 28°
POWER: 22 W
LUMENS: 1084 lm
CBCP: 3518 cd
EFFICACY: 49 lm/W



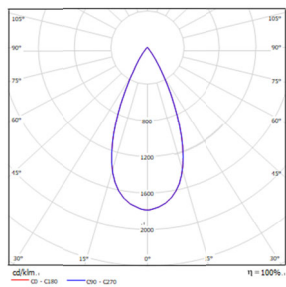
MODEL: DD16WP31330
BEAM ANGLE: 38°
POWER: 16W
LUMENS: 1015lm
CBCP: 2477 cd
EFFICACY: 63 lm/W

MODEL: DD22WP31330
BEAM ANGLE: 38°
POWER: 22 W
LUMENS: 1241 lm
CBCP: 3028 cd
EFFICACY: 56 lm/W



MODEL: DD16WP31430
BEAM ANGLE: 48°
POWER: 16W
LUMENS: 886 lm
CBCP: 1504 cd
EFFICACY: 55 lm/W

MODEL: DD22WP31430
BEAM ANGLE: 48°
POWER: 22 W
LUMENS: 1096 lm
CBCP: 1861 cd
EFFICACY: 50 lm/W



MODEL: DD16WP31530
BEAM ANGLE: 58°
POWER: 16W
LUMENS: 943 lm
CBCP: 1111 cd
EFFICACY: 59 lm/W

MODEL: DD22WP31530
BEAM ANGLE: 58°
POWER: 22 W
LUMENS: 1204 lm
CBCP: 1419 cd
EFFICACY: 55 lm/W

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WAC

PROJECT:

TYPE:

instructions

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 fullcharge, 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.

Buzzer: When the lamp fails, it rings for 1S and stops for 10S, reminding the user to repair according to the status of the yellow fault indicator.

Overdischarge protection: the lamp circuit has accurate overdischarge protection, when the battery voltage is discharged to 82-85% of the rated voltage, the overdischarge circuit will cut off the discharge circuit in time, and the current is zero after cutting off, which can effectively protect the battery and extend the service life of the lamp.

Monthly inspection and annual inspection:

The lamp has automatic monthly inspection and annual inspection functions. If the lamp is in normal use and does not discharge to the state of automatic shutdown during emergency work, the lamp will automatically change from the main power working state to the emergency working state every 30 ± 2 days after 48H of power supply and continue for 60S, and then automatically restore to the main power working state, and the green indicator will enter the state of slow blinking. If the lamp does not discharge to the state of automatic shutdown during emergency work every 1 year, it will automatically change from the state of main power to the state of emergency work and continue until the discharge is terminated, and then automatically restore to the state of main power work, and the green indicator light will enter the state of fast blinking. 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.