

LEDME PRO – HG-ZLZD-E22(16)WDDK33

Fire emergency tube light

WAC

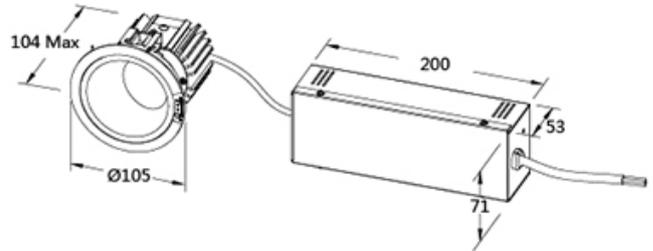
PROJECT:

TYPE:

Product Image



Line Drawing



Product Description

LEDME Pro series LED circular embedded fire emergency angle adjustment tube light is exquisite and simple, equipped with a unique black mirror reflector, with precise light distribution and excellent anti-glare effect. Adopting a structure and electrical design that meets the requirements of CCCF, retaining a narrow edge style, and seamlessly integrating with the ceiling after installation, it is mainly suitable for indoor spaces such as hotels, villas, and commercial spaces.

Product Features

- Body Material: Aluminum alloy die-casting lamp body
- Optical System: Lens + reflector
- Finish: Electrostatic powder coating
- Projection direction: Vertical 0-30 ° adjustment
- Accessories: /
- Certification: CCCF(Certification code HG-ZLZD-E22WDDK33 and HG-ZLZD-E16WDDK33)
- IP Rating: IP30
- Insulation Level: Class I
- Operating Temperature: -20°C~40°C

Product Specifications

- Cut-out size: $\Phi 93\text{mm}$
- Ceiling thickness: 1mm ~20mm
- Shielding angle: 35°
- LED Type: COB
- Source Lm: 3000K:1980lm/22W; 1430lm/16W
- LED Lifetime: >50000h-L70 /B10-Ta25°C(LM-80/TM-21)
- CCT/CRI: 2700K/3000K/4000K, Ra90
- Input: 220V AC / 50Hz
- Emergency time: >90min (Typical 120min), >50lm
- Dimming: No dimming
- Product weight: About 1.5kg, excluding packaging

Order Model

Model	Sys. Power	Type	Beam	CCT	Reflector	Finish
DD			2 20°			
Downlight	16W 16W	K33 DDK33	3 30°	27 2700K	S Specular	W White
Directional	22W 22W		4 40°	30 3000K		
Series			5 50°	40 4000K		

Example: DD16WK33230SW

NOTE: The CCCF certification code and ordering code are not exactly the same, and must be used strictly according to the standards. Please refer to the "Instructions for Use" and " Mounting Instructions " for details

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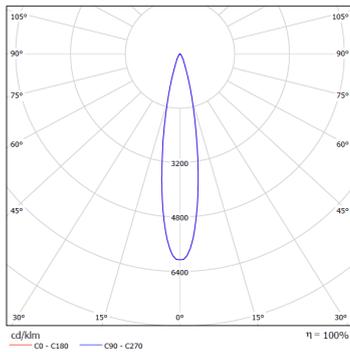


PROJECT:

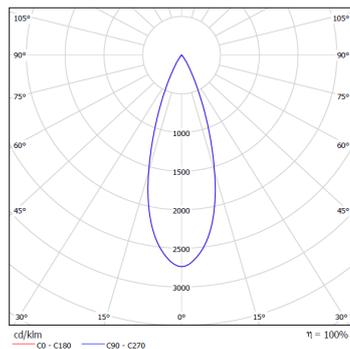
TYPE:

LIGHT DISTRIBUTION@3000K LUMINAIRE DATA

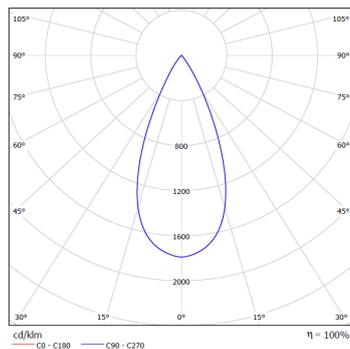
(PARAMETERS FOR NON EMERGENCY LIGHTING OF THE MAIN LIGHT)



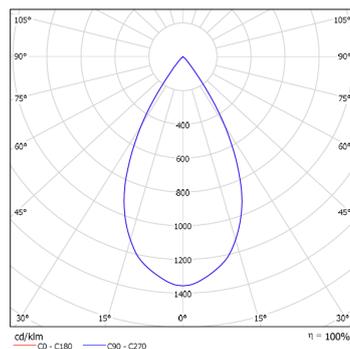
MODEL:	DD16WK33230	DD22WK33230
BEAM ANGLE:	20°	20°
POWER:	16W	22W
LUMENS:	1105 lm	1537 lm
CBCP:	6010 cd	8385 cd
EFFICACY:	69 lm/W	70 lm/W



MODEL:	DD16WK33330	DD22WK33330
BEAM ANGLE:	36°	36°
POWER:	16W	22W
LUMENS:	1002 lm	1405 lm
CBCP:	2686 cd	3849cd
EFFICACY:	63 lm/W	64 lm/W



MODEL:	DD16WK33430	DD22WK33430
BEAM ANGLE:	48°	48°
POWER:	16W	22W
LUMENS:	1075 lm	1458 lm
CBCP:	1772 cd	2393 cd
EFFICACY:	67 lm/W	66 lm/W



MODEL:	DD16WK33530	DD22WK33530
BEAM ANGLE:	55°	55°
POWER:	16W	22W
LUMENS:	1120 lm	1514 lm
CBCP:	1530 cd	2066 cd
EFFICACY:	70 lm/W	69 lm/W

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Instructions for use

There are three color indicator lights on the lamp: red (charging), green (main power), and yellow (fault), one each (or one red yellow green indicator light), one test button, and one buzzer (inside the electrical box).

Main power: Green indicator light. When this indicator light is on for a long time, it indicates that the mains power is normal (note: this light has a voltage automatic conversion circuit. If the mains voltage is around 150V, the lamp will switch from the main power state to the emergency state. When the mains voltage rises to around 170V, the lamp will automatically restore the main power state from the emergency state. When using this lamp, check whether the input AC voltage is normal). This indicator light flashes slowly, indicating that the lamp has entered the monthly inspection status. This indicator light flashes quickly to indicate that the lamp has entered the annual inspection status.

Charging: Red indicator light. When the AC input terminal of the lamp is connected to the AC220V power supply, the circuit inside the light will automatically charge the battery. The battery is in charging state, and the red indicator light will light up. When the battery is fully charged, the red charging indicator light will go out. After being fully charged, the circuit will automatically switch to trickle float charging state, extending the service life of the lamp.

Fault: Yellow indicator light, various states are as follows:

1. When the battery is not installed or the battery connections are not properly connected, the DC fuse is open, the battery is short circuited or fails, or the battery charging circuit is short circuited, the yellow light will flash slowly.
2. When the light source is open or short circuited, and the emergency circuit malfunctions, the yellow light will flash rapidly.
3. When the annual inspection time is less than 30 minutes, the yellow light will remain on for a long time.

Test button: Self resetting button, users should regularly check the corresponding emergency lights according to the requirements of the fire department. When the pressing time is less than 3 seconds, it simulates a main power supply failure. The lamp enters the monthly inspection state between 3-6 seconds, and when the pressing time is more than 6 seconds, the lamp enters the annual inspection state. Pressing the button during the monthly and annual inspections can restore the lamp to its normal state. Pressing continuously for more than 3 seconds in the emergency state of the lighting fixture can turn off the emergency output.

Buzzer: When the lamp malfunctions, it will sound for 1 second and stop for 10 seconds, reminding the user to perform maintenance according to the status of the yellow fault indicator light.

Over discharge protection: The internal circuit of the lamp has precise over discharge protection. When the battery voltage is discharged to 82% -85% of the rated voltage, the over discharge circuit will promptly cut off the discharge circuit. After cutting off, the current is zero, which can effectively protect the battery and extend the service life of the lamp.

Monthly and Annual Inspections: The lighting fixtures have automatic monthly and annual inspection functions. When in normal use and emergency operation without discharging to the automatic shutdown state, the lighting fixtures will be inspected every 30 ± 2 days after being powered on for 48 hours. Automatically switch from the main power working state to the emergency working state for 60 seconds, and then automatically restore to the main power working state, while the green indicator light enters a slow flashing state. The lighting fixtures continue to operate on the main power every year and should be during the emergency work process, if the discharge does not reach the automatic shutdown state, it will automatically switch from the main power working state to the emergency working state and continue until the discharge is terminated, and then automatically restore to the main power working state, with a green indicator. The lamp enters a fast flashing state. If the emergency working time is less than 30 minutes, the lamp buzzer will sound for 1 second and stop for 10 seconds, while the yellow indicator light will remain on.

The light source and battery of this series of lamps are non user replaceable. If necessary, please contact your local dealer or manufacturer.