

AEGDL16019/ AEGDL16020: AEG 6" 50W LED Recessed Downlight

LED Source	Voltage	Power	Lifespan	Warranty
6300 lm	AC 100-240V	50W	40,000 hr	3 Years



- AEGDL16019/20 is a professional recessed downlight that uses COB LED technology, allowing high luminous efficacy
- It is characterized by excellent thermal management due to its cold forging pure aluminum heat sink.
- It is suitable for areas requiring high light output and heavy use, 24/7 operation, such as: hospitals, hotels and airports.

Model Number: AEGDL16019/ AEGDL16020

Features:

- COB technology
- Anti Glare Design
- Low UGR
- External Driver
- IP: 40
- Lifespan: 40,000 hr
- Warranty: 3 Years under 24/7 use
5 Years under normal use

Light Characteristics:

- LED Source: 6,300 lm
- Lumen Efficacy: 120 → 130 lm/W
- Beam Angle: 60 °
- CRI: >80
- Color Temperature:
Warm (2700K/3000K)
Neutral (4000K)
Cool (5000K)

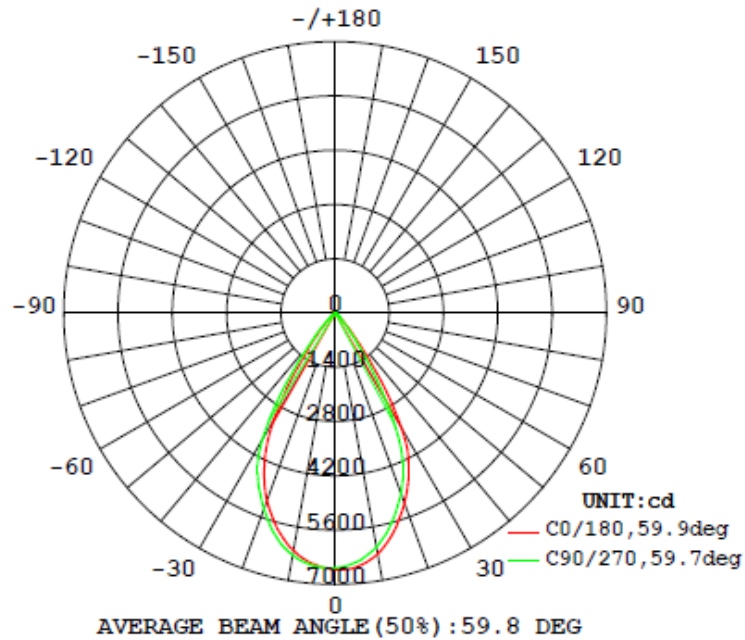
Electrical Characteristics:

- Power: 50W
- Voltage: AC 100-240V
- Frequency: 50/60 Hz
- PF: 0.97

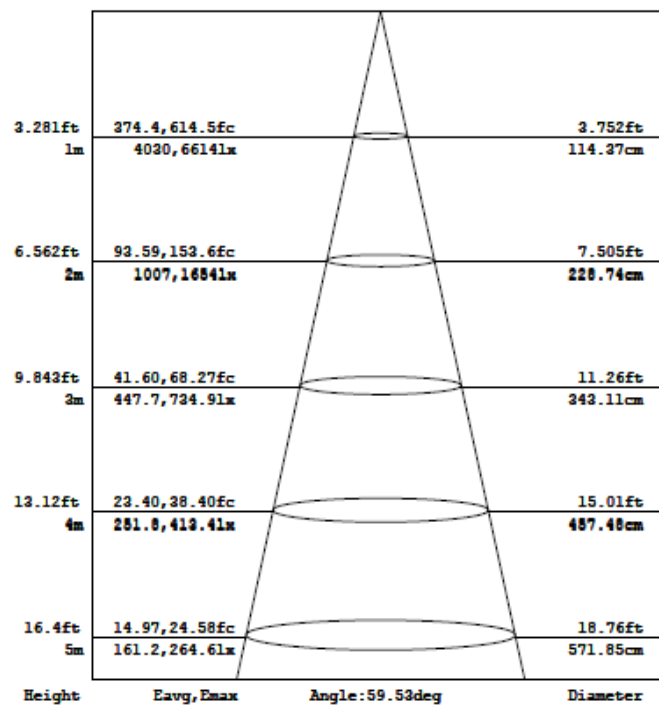
Heat Management:

- Excellent Heat Management
- Cold Forging Pure Aluminum Heat Sink
- Thermal Conductivity Index 226W/MK
- Operating Temperature: -20°C → 50°C

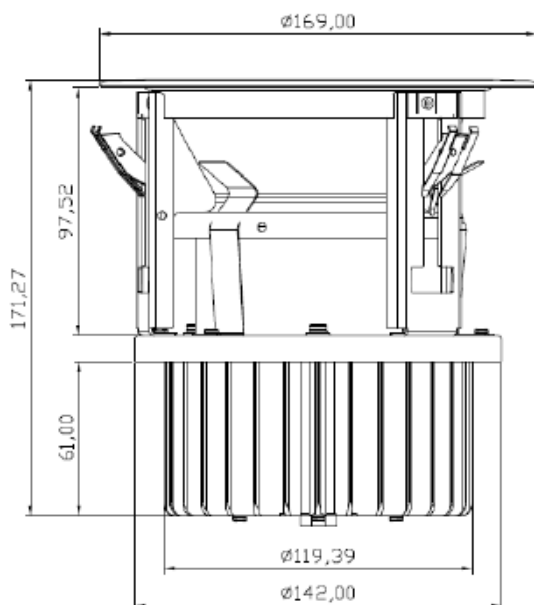
Luminous Intensity Distribution Diagram



Lux Diagram



Dimensional Drawing:



Product Dimensions:

- Diameter: 169 mm
- Cut-off: 150 mm
- Height: 175 mm
- Product Weight: 1.6 kg

Package Dimensions:

- Interior box size: 240x240x240 mm
- Outer CTN size: 495x495x500 mm
- QTY per CTN: 8 pcs
- Weight/ CTN: 14 kg

Notes

- The working voltage for the product is 100-240V. Please make sure that the working voltage is 100-240V before you connect it to the power supply.
- Please check whether there is any damage caused by delivery before you use the products. If there is any flaw, please do not use and inform the supplier.
- Please follow the instructions and caution on the leaflet so as to ensure the safe usage and the good condition of product. Any damage or defect caused by failure that is warned on the leaflet is out of the supplier's responsibility.
- Suitable for indoor use only.