



Gena LED Down light 8W

The Gena down lights comes in different powers to meet the demands of diverse indoor lighting applications. They provide general area lighting and improve the overall illumination quality and colour re-production. Its reflectors and front diffuser design reduce the UGR and makes it best suitable for offices, labs, corridors etc. It works on high efficacy COB LEDs to give maximum light output from the minimum power consumption.

Features

- Cost-effective solid-state solution for general area applications, replacing high wattage luminaires.
- High Efficiency 7th generation LED source to give maximum illuminations.
- Power adjusting options from 6W – 12W for matching to various indoor lighting needs.
- Built in surge protection.

Benefits

- Instant start up
- No Flickering, No Humming
- No emission of IR and UV rays
- Long operating life of more than 50,000 hours for the LED ensures the system to be low on maintenance
- Environment friendly, does not contain mercury (RoHS)

- High light transmittance PC diffusers.
- Driver components from FIRST MOS (USA), MPS IC CHIP (USA), Rubycon Capacitor (JAPAN).

Applications

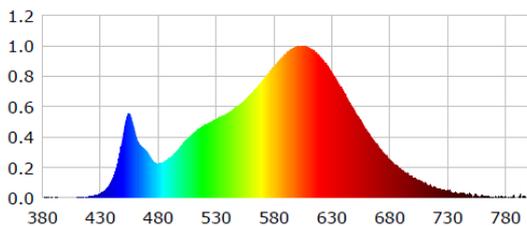
- Offices, Corridors, Laboratories, Residential applications etc.

Specifications

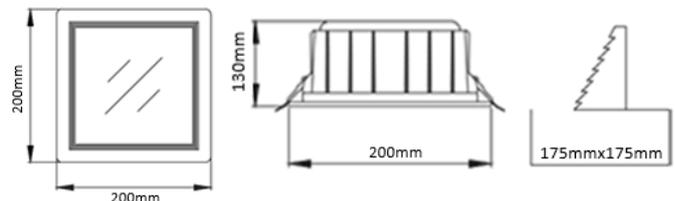
Model No.	S02209-8A	Input Voltage	170-265VAC / 240VDC
Type	Downlight	Frequency	50-60Hz
Light Source	COB LED, CREE (USA)	Driver	External (integrated)
Power (default)	8W	THD	<20%
Power adjusts	6W/10W/12W	Power factor	>0.90
Luminous efficacy	109LM/W	Operating temperature	-25 to 48°C ¹
Luminous flux	870LM (8W)	CRI	>83
CCT	3000K (830)	Life	50,000 Hours (L70)
Beam Angle	103°	UGR	<20
SDCM	<5	Fixture Colour	White
Dimming	No	IP Rating	IP44
Material	Die cast aluminium + PC	Mounting	Recessed
Dimension	200x200x130mm	Net Weight	750gm
Cut-out	175x175mm	Warranty	5 years
Certifications	CE, RoHS, LM80, LM79 ²		

@ All the above information at a testing condition:- Ta=25°C

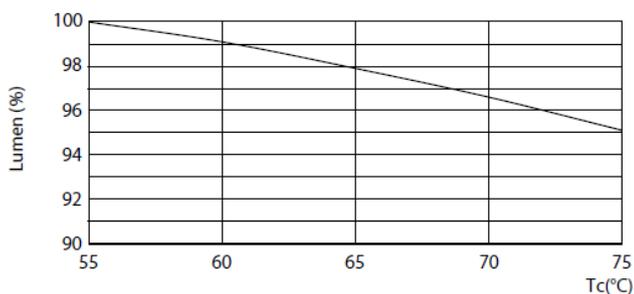
Photometric data



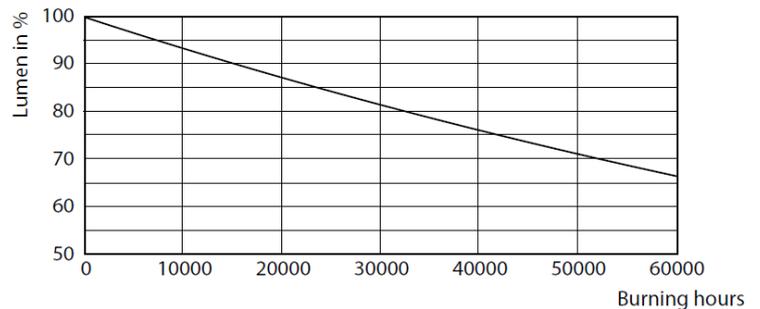
Dimensional drawing



Lumen maintenance

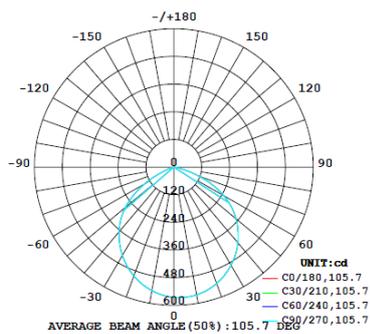


Life time

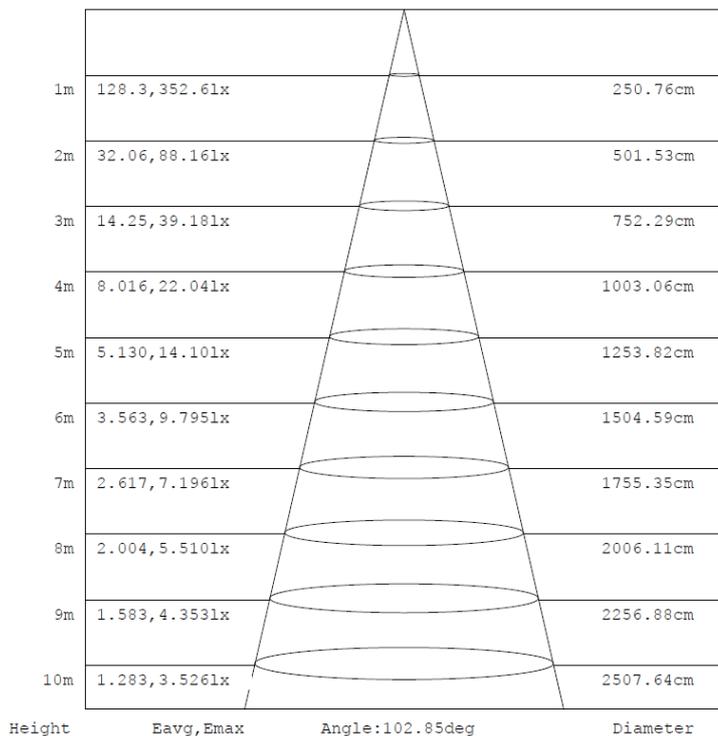


Luminous Intensity Distribution Diagram

Product Pictures



Lux diagram



- 1 – Recommended to keep the ambient temperature in this limit while installing in closed spaces / fixtures
- 2 – Will be provided up on request