

ATHENA

DOWNLIGHT



FEATURES

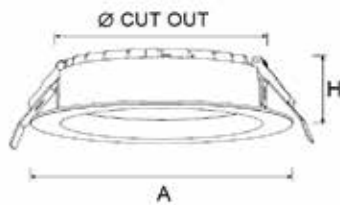
- Up to 70% energy saving compared to standard CFL
- Long lifetime of 50,000 hours
- Dimmable when using triac dimmer
- 90° wide beam angle
- CCT: 3000K-4000K-5700K
- No UV/IR light
- IP54 from front cover
- Environment friendly, without Mercury or any other hazardous substances
- Flicker free external LED driver

APPLICATION

General Lighting for office, supermarket, shop, school.

PRODUCT DIMENSION

*Typical Dimension (mm)



Model	Ø A	Ø cut out	H
EDL-3-10W-3C	110mm	90-95mm	38mm
EDL-4-15W-3C	145mm	120-130mm	45mm
EDL-6-18W-3C	190mm	160-170mm	45mm
EDL-8-25W-3C	228mm	200-210mm	45mm



COLOR TEMPERATURE

Slide switch to select desired CCT



WW:3000K



NW:4000K



CW:5700K

Model No.	EDL-3-10W-3C	EDL-4-15W-3C	EDL-6-18W-3C	EDL-8-25W-3C
Power Consumption (W)	10 ± 1	15 ± 1	18 ± 1	25 ± 1
Luminaire Flux ± 5%(lm) 3000K	810	1,250	1,460	2,250
Luminaire Flux ± 5%(lm) 4000K	960	1,470	1,850	2,750
Luminaire Flux ± 5%(lm) 5700K	860	1,320	1,730	2,500
System Efficiency ± 5% (lm/W)	81~96	83.3~98	81.1~102.7	90~110
Power Factor (PF)	≥ 0.9			
Efficiency (%)	≥80	≥84.50	≥85	≥86
Rated Input Current (A)	<0.06	<0.1	<0.1	<0.15
Driving Current ± 5% (mA)	230	350	420	580
THD (%)	≤18			
Beam Angle °	90°			
Net Weight /pc (kg)	0.25	0.39	0.64	0.81
Gross Weight (kg)	13/36pcs	15.5/30pcs	18.5/20pcs	10.5/10pcs
Master Carton Dimension L x W x H (mm)	485 x 370 x 295 /36pcs	490 x 330 x480 /30pcs	440 x 440 x440 /20pcs	515 x 270 x405 /10pcs

Note: The above specified lumen and system subject to changes without prior notice.

TRIAC Dim available upon request.

TECHNICAL SPECIFICATION

ELECTRICAL SYSTEM

Input Voltage	Protection Class	LED Driver
200-240Vac, 50/60Hz, PF > 0.9	Class II	Constant Current

Light Source	LED Type	(CRI)	Life Time Residual Flux	Optical System
SMD	2835	Ra ≥ 80	(L70), >50,000 hours @ Ta:45°C	90° PC lens upon request

CERTIFICATION & COMPLIANCE TEST

- : EN 60598-1
- : EN 60598-2-2
- : IEC/TR 62778
- : EN 62493
- : EN 61347
- : EN 61000-3-2
- : EN 61000-3-3
- : EN 55015
- : EN 61547

FIXTURE/HOUSING

- Frame: Die Cast Aluminium
- Housing Finish: White Epoxy Powder Coating
- Diffuser: PC

OPTIONAL ACCESSORIES

- DALI / 1-10V Dimming Control