

BUILT-IN DRIVER



# ARTEMIS

## RECESSED DOWNLIGHT

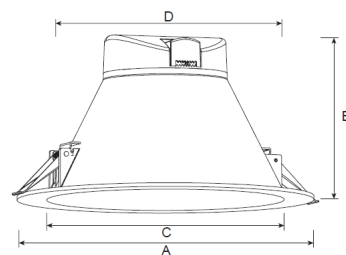


### FEATURES

- 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
- Environment friendly, without Mercury or any other hazardous substances

### PRODUCT DIMENSION

\* Typical Dimension (mm)



Slide switch to select desired CCT



WW:3000K

NW:4000K

CW:5700K

| Model        | Ø A   | B     | Ø C   | Ø D cut out |
|--------------|-------|-------|-------|-------------|
| EDC-3-10W-3C | 115mm | 83mm  | 85mm  | 90~95mm     |
| EDC-4-13W-3C | 145mm | 97mm  | 118mm | 125~130mm   |
| EDC-6-16W-3C | 190mm | 115mm | 155mm | 160~170mm   |
| EDC-8-20W-3C | 240mm | 135mm | 192mm | 200~210mm   |

# TECHNICAL DATA



IP54

| Model No.                                 | EDC-3-10W-3C                                  | EDC-4-13W-3C          | EDC-6-16W-3C          | EDC-3-20W-3C          |
|---|---|-----------------------|-----------------------|-----------------------|
| Power Consumption (W)                     | 10W ±1w                                       | 13W±1w                | 16W±1w                | 20W ±1w               |
| Luminaire Flux ±5% (lm)<br>3000K          | 710 lm  | 1,030 lm              | 1,500 lm              | 1,900 lm              |
| Luminaire Flux ±5% (lm)<br>4000K          | 880 lm  | 1,230 lm              | 1,720 lm              | 2,025 lm              |
| Luminaire Flux ±5% (lm)<br>5700K          | 795 lm  | 1,130 lm              | 1,610 lm              | 2,150 lm              |
| System Efficiency ±5%<br>(lm/W)           | 71~88 lm/W                                    | 79.2~94.6 lm/W        | 93.7~107.5 lm/W       | 95~107.5 lm/W         |
| Power Factor (PF)                         | ≥ 0.9   |                       |                       |                       |
| Efficiency (%)                            | >86.00%                                       | >86.00%               | >88.00%               | >88.00%               |
| Rated Input Current (A)                   | <0.12A  | <0.15A                | <0.18A                | <0.23A                |
| Driving Current ±5%<br>(mA)               | 160 mA CC                                     | 160 mA CC             | 250 mA CC             | 250 mA CC             |
| THD (%)                                   | <18%  |                       |                       |                       |
| Beam Angle °                              | 90°   |                       |                       |                       |
| Protection Circuit                        | Short Circuit, Over Voltage, Over Temperature |                       |                       |                       |
| Net Weight / pc (kg)                      | 0.225   | 0.34                  | 0.54                  | 0.75                  |
| Gross Weight (kg)                         | 7.5 / 30pcs                                   | 9.1 / 24pcs           | 7.5 / 12pcs           | 10 /12pcs             |
| Master Carton Dimension<br>L x W x H (mm) | 390 x 265 x 490/30pcs                         | 480 x 325 x 450/24pcs | 415 x 415 x 400/12pcs | 515 x 515 x 450/12pcs |

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

## TECHNICAL SPECIFICATION

### ELECTRICAL SYSTEM

- **Input Voltage** : 100 - 240Vac, 50/60Hz, PF>0.9
- **Insulation Class** :Class II
- **LED Driver** : Constant Current

### LIGHT SOURCE / OPTIC

- **LED Type** : SMD 2835
- **(CRI)** : Ra > 80
- **Life Time Residual Flux** : (L70), >50,000 hours @ Ta: 45°C

### OPTIONAL FEATURES/ACCESSORIES

- DALI / 1-10V Dimming Control

### CERTIFICATION AND COMPLIANCE TEST

- **Type Test Certified (Luminaire)** : EN 60598-1  
: EN 60598-2-5, IEC/TR 62778  
: EN 62493, EN61347
- **EMC Certified** : EN 61000-3-2, EN 61000-3-3  
: EN 55015, EN 61547
- **LED Compliance Test** : IESNA LM-80

### APPLICATION

- General lighting for office,supermarket,shop,school

### FIXTURE/HOUSING

- **Frame** : Die Cast Aluminum
- **Housing Finish** : White Epoxy Powder Coating -