



LUMINX



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Hamriyah Free Zone Sharjah, UAE.

# LUMINX 12W

## LED RECESSED SPOTLIGHT

- ☐ **Tiltable** Design – Adjustable light focus.
- ☐ Easy installation - **Tool-free** spring-clip installation.
- ☐ Long life: 50,000+ hrs - Minimal maintenance.
- ☐ High Luminous efficacy - More light output.
- ☐ Consistent Performance & Quality - Delivers stable brightness.



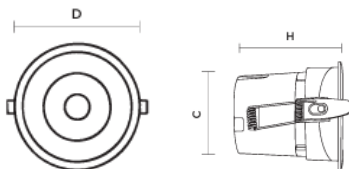
### LNx-DL-12

| Technical                                                 |  | IK02            | IP44 | UGR <19      | CRI >80 |
|-----------------------------------------------------------|--|-----------------|------|--------------|---------|
| Light Source                                              |  | COB             |      | -            |         |
| Luminous Efficacy (subject to a tolerance of $\pm 10\%$ ) |  | 100             |      | Lumen / Watt |         |
| Correlated Colour Temperature (CCT)                       |  | 3000/4000/6500  |      | Kelvin       |         |
| Lifetime                                                  |  | 50,000          |      | Hours        |         |
| McAdam Binning                                            |  | 3               |      | Step         |         |
| Housing                                                   |  |                 |      |              |         |
| Body                                                      |  | Aluminium       |      | Die-cast     |         |
| Lens / Diffuser                                           |  | PC Lens         |      |              |         |
| Reflector                                                 |  | White Reflector |      |              |         |
| Mounting                                                  |  | Recessed        |      |              |         |
| Thermal                                                   |  |                 |      |              |         |
| Ambient Temperature (Ta)                                  |  | -20 to 45       |      | °Celsius     |         |
| Storage Temperature (Ts)                                  |  | -20 to 50       |      | °Celsius     |         |
| Humidity                                                  |  | 10 to 90        |      | RH(%)        |         |

## ELECTRICAL CHARACTERISTICS

|                        |            |               |       |      |
|------------------------|------------|---------------|-------|------|
| Control Option         | ON/OFF     | PHASE DIMMING | 1-10V | DALI |
| Control Brand          | Tridonic   | On/off        |       |      |
| Rated Power            | 12         | Watts         |       |      |
| Input Current (@ 230V) | 0.05       | Amps          |       |      |
| Input Voltage          | 220 to 240 | VAC           |       |      |
| Frequency              | 50 to 60   | Hertz         |       |      |
| Output Current         | 300        | mA            |       |      |
| Output Voltage         | 24 to 42   | VDC           |       |      |
| Power Factor           | >0.95      |               |       |      |

## DIMENSIONAL DETAILS



All measurements are in mm

| L/D | W | H  | Cutout | Weight |
|-----|---|----|--------|--------|
| 85Ø | - | 85 | 75Ø    | 0.2 kg |

## PHOTOMETRIC DETAILS

|            |       |
|------------|-------|
| Beam Angle | 27.9° |
|------------|-------|

