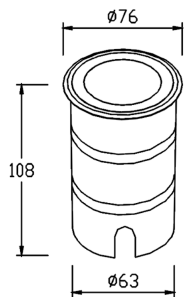


## LUME I



### Description:

LUME I is an inground high-quality aluminum alloy die-casting lamp body, featuring a surface outdoor powder electrostatic spraying finish.

The cover, made from SUS304 or 316 stainless steel die-casting, makes it ideal for outdoor harsh environments. The entire lamp structure is waterproof with advanced technology, offering a reliable IP67 protection grade.

Engineered with a built-in anti-glare cover, this light delivers exceptional glare control with 0 glare for superior visual comfort. The ultra-clear tempered glass and imported material lens are designed to minimize light efficiency loss.

Additionally, it incorporates inductive lightning electrostatic (ESD) protection, compliant with the LEVEL 4 standard, ensuring robust protection against electrical surges.

### Product Specifications:

Front cover : Stainless Steel 316  
Housing : Die cast aluminum  
Coating: Powder Coating  
Glass : Tempered glass  
Gasket: Molding shaped silicone seal  
Lens/Reflector : Optical lens (efficiency>90%)  
Power Cable: 0.5 mt. power cable included  
Driver : High efficiency, low flicker driver  
Installation Type: Inground

### Technical Specifications:

Wattage: 3 - 7W  
Voltage: DC24V / 170-265V AC  
Frequency: 50-60Hz  
Light Source: Osram / Cree  
Lumen: 45m/W  
Mac Adam: 3 Step  
Safety Class: III  
Working Temperature:-40°C to 50°C  
Life Time: 50,000hrs (L80/B10) at 35°C  
Warranty: 5 Years

### Parameter:

|              |   |                                         |
|--------------|---|-----------------------------------------|
| Wattage(W)   | : | 7W                                      |
| Finish       | : | Grey (G) / Black (B)                    |
| Kelvin*      | : | 2200K / 2700K / 3000K / 4000K / 6000K   |
| Beam Angle   | : | 15° / 30° / 45° / 60° / 10*60° / 20*45° |
| CRI          | : | 80+ 90+                                 |
| Control Mode | : | ON/OFF / DALI                           |

\*Lumen values are calculated at 45° beam angle, 4000K color temperature and CRI 90.

### Order Code:

| Product Code | Wattage | CCT      | Voltage(DC) | Beam Angle   | Finish  | Control Mode |
|--------------|---------|----------|-------------|--------------|---------|--------------|
| 544077       | 07 - 7W | 22-2200K | D-24VDC     | 15 - 15°     | G-Grey  | 1-ON/OFF     |
|              |         | 27-2700K |             | 30-30°       | B-Black | 2-DALI       |
|              |         | 30-3000K |             | 45-45°       |         |              |
|              |         | 40-4000K |             | 60-60°       |         |              |
|              |         | 60-6000K |             | 10*60-10*60° |         |              |
|              |         |          |             | 20*45-20*45° |         |              |

**Ex: Order Code:** 5440770722D'15G1

### Standard:

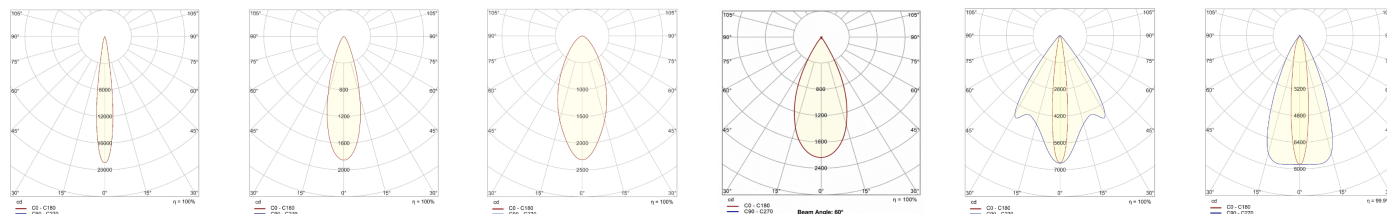
EN 60598-1  
EN 60598-2-2  
EN 60598-3-2  
EN 60598-3-3

Pluxb luminaires are developed with globally recognized and tested components suppliers, however as per international standards tolerance in initial flux and connected load is at ±5%. Unless stated otherwise, the values apply to an ambient temperature of 25°C

| Product Code | Wattage | CCT      | Voltage(AC)  | Beam Angle   | Finish  | Control Mode |
|--------------|---------|----------|--------------|--------------|---------|--------------|
| 544077       | 07 - 7W | 22-2200K | A-170-265VAC | 15 - 15°     | G-Grey  | 1-ON/OFF     |
|              |         | 27-2700K |              | 30-30°       | B-Black | 2-DALI       |
|              |         | 30-3000K |              | 45-45°       |         |              |
|              |         | 40-4000K |              | 60-60°       |         |              |
|              |         | 60-6000K |              | 10*60-10*60° |         |              |
|              |         |          |              | 20*45-20*45° |         |              |

**Ex: Order Code:** 5440770722A'15G1

## Photometric:



Pluxb luminaires are developed with globally recognized and tested components suppliers, however as per international standards tolerance in initial flux and connected load is at  $\pm 5\%$ . Unless stated otherwise, the values apply to an ambient temperature of 25°C