STOANE
LIGHTING

# G-Cat

STD-000548-0101

## Configured Product

Light Source

SL90

Light Source Size

14mm LES

CCT

2700K

Beam

Standard Beacon Diffuser

Supply

Constant Voltage

Finish

Anodised Clear

Dimming

DALI

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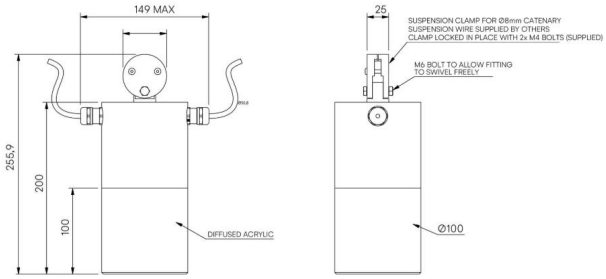


High-performance exterior lighting system, to enhance exterior architectural details and landscape illumination.

**Product Description**

The G-Cat is an IP66 exterior rated lighting system that offers versatile lighting options, with beam angles from narrow to flood to meet diverse project requirements.
Including frosted acrylic attachments for soft wide beam distribution and specially developed domed optics to avoid upward light spill; providing dark sky compliance.
Constructed from precision-machined recycled aluminium, the system features an anodised and powder-coated finish for enhanced durability and aesthetics.

**Key Features**

• Sustainable construction: made from recycled aluminium with a weather resistant long-lasting anodised and powder-coated finish. Specialist finishes available on request.
• IK10 rated.
• Adjustable beam angles with interchangeable optics.
• Specialist diffusers for soft wide distribution or to provide zero upwards light for dark sky compliance.
• Advanced dimming options: DALI, 0-10V and Wireless dimming, down to 0.1%.
• High-performance lighting: up to 98 CRI LEDs.

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## Compliance

UK CA CE

c ETL US LISTED Intertek

## Technical

| | | |
|---|---|---|
| **Supply** | Remote constant current LED driver required | |
| **Light source** | 9mm LES COB | 14mm LES COB |
| **Initial output** | **SL90** 11.8W 33.8Vf<br>at 350mA<br><br>2700K · 1822lm · 154lm/W<br>3000K · 1908lm · 161lm/W<br>3500K · 1929lm · 163lm/W<br>4000K · 1919lm · 162lm/W<br><br>**SL98** 10.6W 30.4Vf<br>at 350mA<br><br>2400K · 1085lm · 102lm/W<br>2700K · 1205lm · 113lm/W<br>3000K · 1288lm · 121lm/W<br>3500K · 1313lm · 124lm/W<br>4000K · 1352lm · 127lm/W | **SL90** 11.7W 33.4Vf at 350mA<br><br>2700K · 1865lm · 159lm/W<br>3000K · 1953lm · 167lm/W<br>3500K · 1975lm · 169lm/W<br>4000K · 1963lm · 168lm/W<br><br>**SL98** 13W 32.4Vf at 400mA<br><br>2400K · 1392lm · 107lm/W<br>2700K · 1573lm · 121lm/W<br>3000K · 1680lm · 130lm/W<br>3500K · 1714lm · 132lm/W<br>4000K · 1764lm · 136lm/W |
| **Light distribution** | Narrow 14.1°<br>Narrow 2 16.4°<br>Medium 23.5°<br>Flood 35.6°<br>Wide Flood 55.3°<br>Beacon diffuser 106.6°<br>Glare free 62° | Narrow 21.6°<br>Medium 24.2°<br>Medium 2 28°<br>Flood 38.5°<br>Wide Flood 58.1°<br>Beacon diffuser 103.5°<br>Glare free 62° |

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| | |
|---|---|
| **Lumen maintenance** | L90 B0 in excess of 94,000 hours |
| **Colour consistency** | 2 SDCM |
| **IP rating** | IP66 |
| **IK rating** | IK10 |
| **Weight** | 2.5kg |

## Service Commitment

ReNew

5 Year Warranty
25 Year Duty of Care