DOWNLIGHT COLLECTION · RECESSED

# LUNA-S

Recessed high-power LED downlight in acrylic · 3 sizes · wide beam




| | |
|---|---|
| POWER<br>3 · 6 · 12 W | EFFICACY<br>125 lm/W |
| LIGHT SOURCE<br>LED · CRI 80 | BEAM<br>Wide |
| PROTECTION<br>IP44 – IP66 | BODY<br>Acrylic |

## Overview

LUNA-S is a recessed downlight with a body in acrylic. A high-power LED source with CRI 80 delivers up to 125 lm/W with a wide beam. Three sizes — Luna-s-40, Luna-s-55 and Luna-s-70 — provide 3 W, 6 W and 12 W in 2700K, 3000K, 4000K, DW (dynamic white 2700K–6500K) or RGB. The luminaire runs on 8–32 VDC with an integrated driver, dims via PWM and can be integrated into 1–10V, DMX512, DALI and Wi-Fi control systems. With IP44 to IP66 protection and an opal diffuser in clear or frosted, LUNA-S fits interior and exterior areas on board.

## Specifications

| | |
|---|---|
| Power | 3 W / 6 W / 12 W (3 models) |
| Supply voltage | 8–32 VDC |
| Driver | Integrated |
| Dimming | PWM |
| Colour temperature | 2700K / 3000K / 4000K / DW / RGB |
| Luminous efficacy | 125 lm/W (max.) |
| Light source | High-power LED |
| Colour rendering | CRI 80 |
| Beam | Wide |
| Body material | Acrylic |
| Body finishes | Opal (clear / frosted) |
| IP rating | IP44 – IP66 |
| Operating temperature | –30 °C … +50 °C |
| Protection class | III |
| Installation | Recessed, spring clips |

## Front View



## Compliance

**UKCA**
UK conformity assessed

**CE**
European conformity

**RoHS**
RoHS compliant

**Class III**
Safety extra-low voltage

**F mark**
For normally flammable surfaces

**–30 °C … +50 °C**
Operating temperature

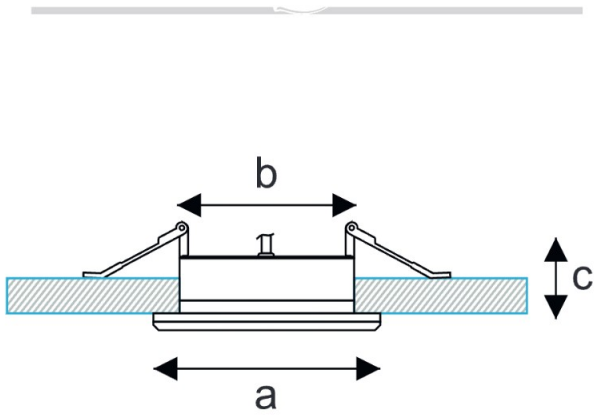
ORDERING INFORMATION

## Product Code

| LUS | 40 · 55 · 70 | 3 · 6 · 12 | ACR | MB · MW · RA | 2700K · 3000K · 4000K · I | WIDE |
|---|---|---|---|---|---|---|
| SERIES<br>LUNA-S | SIZE<br>40 / 55 / 70 | POWER (W)<br>Matches size | BODY<br>Acrylic | TRIM COLOUR<br>Matt black / white / RAL | CCT | BEAM |

Example: LUS-55-6-ACR-MB-3000K-WIDE — Luna-s-55, 6 W, acrylic, matt black trim, 3000K, wide beam

## Dimensions (mm)




## Models

| MODEL | CODE | POWER | A | B | C |
|---|---|---|---|---|---|
| **Luna-s-40** | LUS-40-3 | 3 W | 55 | 40 | 45 |
| **Luna-s-55** | LUS-55-6 | 6 W | 70 | 55 | 50 |
| **Luna-s-70** | LUS-70-12 | 12 W | 85 | 70 | 65 |

a: outer trim width · b: body width · c: overall height. All dimensions in mm.

## Finishes

- **Clear** — Opal diffuser, clear
- **Frosted** — Opal diffuser, frosted
- **MB** — Matt Black trim
- **MW** — Matt White trim
- **RAL** — RAL Code trim

## Beam




## Colour Temperature

- 2700K — Extra warm white
- 3000K — Warm white
- 4000K — Neutral white
- DW — Dynamic white 2700K–6500K
- RGB — RGB colour

## Control Options




- **PWM** — integrated dimming
- **1–10V** — via compatible controller
- **DMX512** — via compatible decoder
- **DALI** — via compatible controller
- **Wi-Fi** — via compatible Wi-Fi controller

Light output and power may vary by up to ±10% due to production and component tolerances. Driver integrated; supply 8–32 VDC. IES files available on request.