DOWNLIGHT COLLECTION · RECESSED

LUNA-R

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



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

Overview

LUNA-R 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-r-40, Luna-r-55 and Luna-r-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-R 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

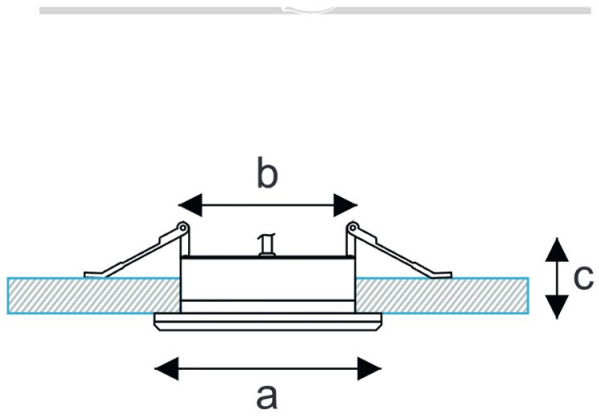
ORDERING INFORMATION

Product Code

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

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

Dimensions (mm)



Models

MODEL	CODE	POWER	A	B	C
Luna-r-40	LUR-40-3	3 W	55	40	45
Luna-r-55	LUR-55-6	6 W	70	55	50
Luna-r-70	LUR-70-12	12 W	85	70	65

a: outer trim diameter · b: body diameter · 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

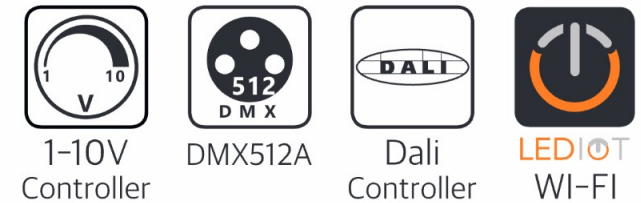
Beam



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.