# R3

Thorlux Lighting

Circular LED edge-lit recessed downlighters

The R3 is a UK designed and manufactured LED edge-lit down light built to a high specification. It uses fire retardant panels in both opal and low glare versions. Available in 3000 K and 4000 K, the two power choices are complemented with emergency derivatives and SmartScan energy saving versions.

Applications: Student accommodation, healthcare and general purpose use.

- Edge-lit diffuser technology eliminates visible LEDs
- Supplied with remote gear unit fitted with 2 m supply lead
- SmartScan versions fitted with TEE connector for LCM wiring
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit

Notes: Low glare and SmartScan versions are IP40 below ceiling
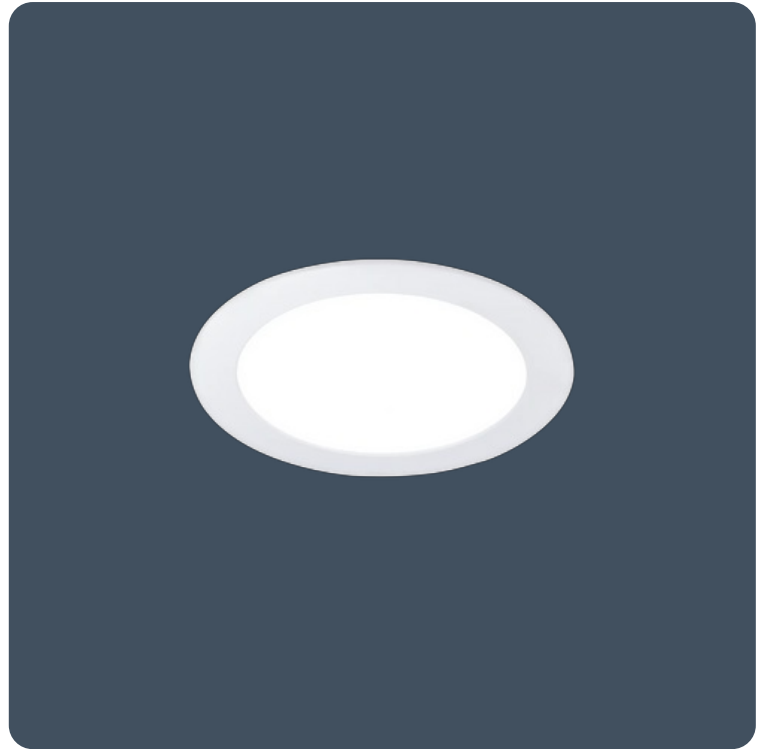
Up to IP54 (IP40 above ceiling) | **Up to 91.8 LL/CW** | **SMARTSCAN** | **LUXGUARD**

Specification

Mounting	**Recessed**	IP rating	**Up to IP54 (IP40 above ceiling)**
Max presence detection height	**8 m**		

Lighting

Optic	**Low glare diffuser** **Opal diffuser**	Lumen output	**845 lm - 1,865 lm**
Efficacy	**Up to 91.8 LL/CW**		

Emergency data

Emergency lumen output	**200 lm - 235 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Nickel Metal Hydride (NiMH)**

Power

LED power	**9 W - 18 W**	Circuit power	**11 W - 22 W**

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LED characteristics

CRI	**80+**	Colour temperature	**3000 K**
			4000 K
Rated life (hours)	**50 K - L80/B10**		

Compliance

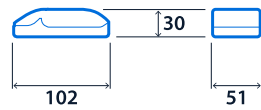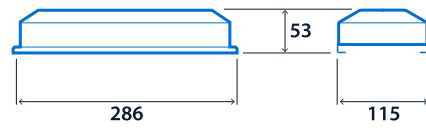|			
UKCA	**Yes**	CE	**Yes**
Energy efficiency class	**This product contains a light source of energy efficiency class F**	Thermoplastic rating	**TP(a)**

Dimensions

Ø 206

36

5
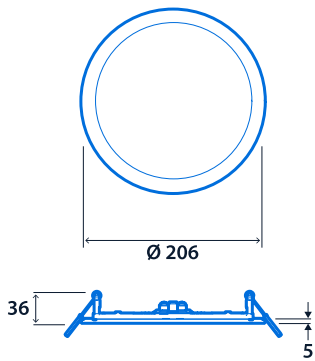
Cut-out - Ø 180

Minimum void depth:
Standard - 40mm
Smart & Emergency - 90mm

Standard Remote Driver

30

102

51

LED Downlighter Power Unit

53

286

115

Luminaire connected to gear by 450mm lead

Click or scan here
View R3 variants using our online filtering tool

Information is correct as of 30-Jan-2025, however must not be interpreted as a guarantee of individual product performance and/or characteristics. We reserve the right to alter specifications and designs without prior notice.

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