

R3

SPECIFICATION DOCUMENT



5 YR
WARRANTY

FIRE
RATED

IP65

DIM

TP(a)

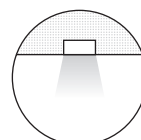


CIRCADIAN

Overview

The epitome of a fire rated IP65 all-in one downlight. R3 comes in tunable or fixed colour temperature. A wall switch can be used to change colour temperature and dim to night mode. A remote control can smoothly dim and change from 3000K through to 5000K. R3 offers a variety of four different bezels to suit a range of different installations.

RICOMAN®



Finish:

● Black

○ White

● Polished Chrome

● Brushed Chrome

Power: 6W

Kelvin: 3000K 4000K

Tunable White 3000K-5000K

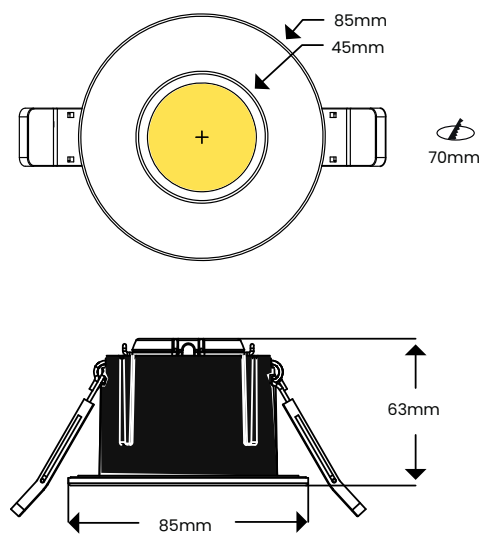
Controls
& Options: Remote Control
Standard ON/OFF switch
EMERGENCY

UK
CA

CE

✓
RoHS

Technical Drawings



Overview

Applications	Interior
Construction Material	Aluminium
Diffuser Type	Polycarbonate-TP(a) rated
IP Rating	IP65
IK Rating	IK08
Mounting	Recessed
Weight (kg)	0.2
Ambient Temperature	-20°C to +45°C (0°C to 40°C for emergency)
Warranty	5 years

Luminaire Output

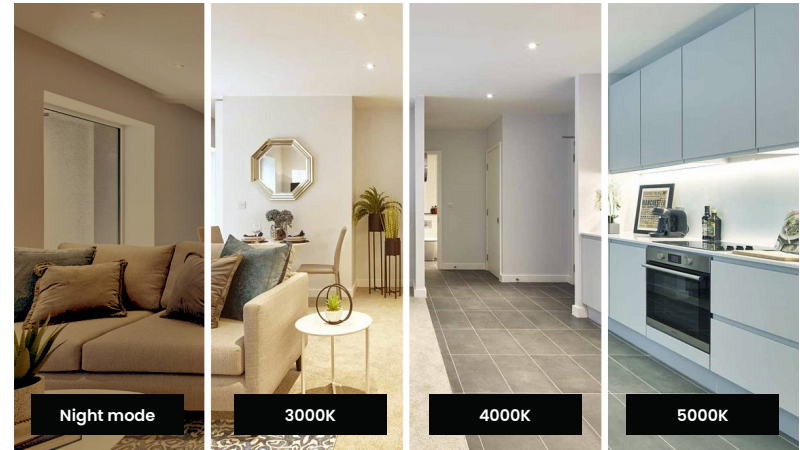
Colour Temperature	• Tunable 3000K -5000K • Fixed 3000K • Fixed 4000K
CRI	>90 Ra
Efficacy	~99 lm/W
Beam Angle	55°
Operating Hours	50,000
Macadam Ellipse	≤4 sdcm
L70 B50	70,000 hours
LEDs	Epistar (tunable white) Samsung (Fixed Kelvin)

Supply & Power

Wattage	6W
Voltage Range	AC220-240V
Power Factor	>0.90
Inrush Current	<30A
Running Current	DC71mA
Protection Class IEC	Class II
Driver	Remote
Cable entry	Back

Product Codes & Specifications

Code	Kelvin	Lumens (At 4000K)
R095601/TW	Tunable 3000K-5000K	591
R095601/3K	Fixed 3000K	
R095601/4K	Fixed 4000K	



Additional Accessories

Code	Accessory
R095-01	R3 Chrome Bezel
R095-02	R3 Brushed Chrome Bezel
R095-03	R3 Black Bezel
R09-882	R3 & Centorio Remote Control Controls up to 100 downlighters in 4 rooms/areas
/DD	DALI Dimming (only for fixed Kelvin)
/DL	0-10V Dimming (only for fixed Kelvin)
/DSI	DSI Dimming (only for fixed Kelvin)
R10-03(CN)	Emergency Pack (for Tunable)
R10-03(CN)/ DDPRO	DALI Addressable Emergency Pack (for Tunable)
R10-03(SM)	Emergency Pack (for fixed Kelvin)
R10-03(SM)/ DDPRO	DALI Addressable Emergency Pack (for fixed Kelvin)

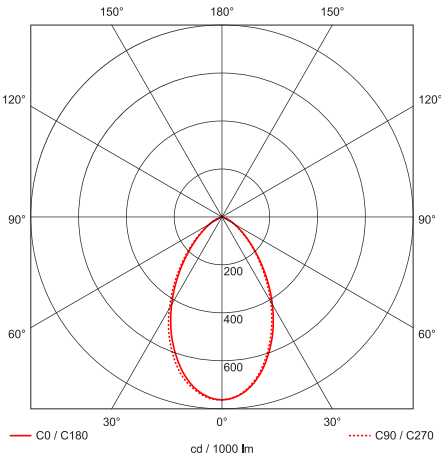
Operation with Remote

Use buttons to adjust light intensity from 100% down to 10% and colour temperature from 3000K to 5000K. Remote controls up to 400 downlighters in 4 individually switched circuits; up to 100 downlighters per channel.

Operation with ON/OFF switch

Turning wall switch on/off in quick succession changes colour temperature and dimming. Cycle order : 3000K, 4000K, night light (dim down to 10%), 5000K.

Photometry



Installation examples

Local Blackfriars Apartments, Manchester, UK



Studio Power Architects Office, Manchester, UK

