

Core

SPECIFICATION DOCUMENT



5 YR
WARRANTY

FIRE
RATED

IP65

DIM

100
LM/W

TP(a)

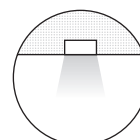
TESTED WITH
I-JOIST CEILINGS

Overview

Fire rated downlight (30/60/90 min), tested with I-joist ceilings. Core is switchable 3000K or 4000K via a dip switch at the front (behind bezel) and has an IP65 front. Core comes with an integrated dimmable driver and interchangeable bezels as optional.



RICOMAN®



Finish:

● Black

○ White

● Polished Chrome

● Brushed Chrome

Power: 6W

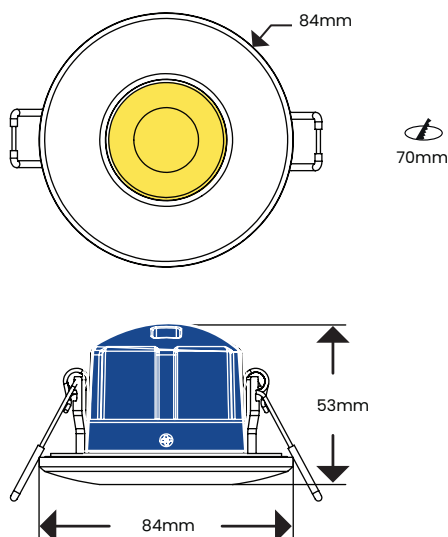
Kelvin: 3000K 4000K

3K/4K Switch located behind bezel

Controls

& Options: Quick push fit connector block

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
Warranty	5 years

Luminaire Output

Colour Temperature	Switchable 3000K 4000K
CRI	>80 Ra
Efficacy	~100 Lm/W
Beam Angle	60°
Operating Hours	50,000
Macadam Ellipse	≤6 sdc _m
L70 B50	50,000 hours

Supply & Power

Wattage	6W
Voltage Range	AC220-240V
Power Factor	>0.90
Inrush Current	<30A
Running Current	DC71mA
Protection Class IEC	Class II
Driver	Integral dimmable
Cable entry	Back
6A Type B Breaker	200 downlights
10A Type B Breaker	350 downlights

Product Codes & Specifications

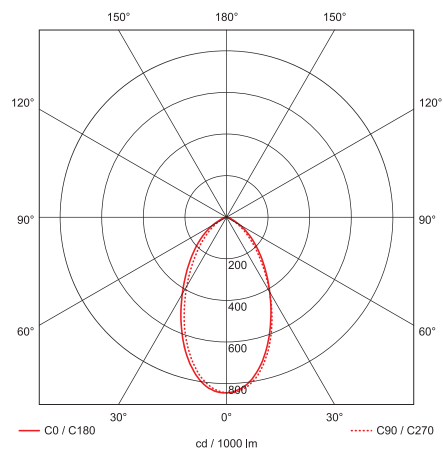
Code	Kelvin	Lumens (At 4000K)
R098900	Switchable 3000 4000K	602

Additional Accessories

Code	Accessory
R098-01	Core Chrome Bezel
R098-12	Core Metal Brushed Chrome Bezel
R098-03	Core Black Bezel



Photometry



Installation examples

Hallam Tower Apartments, Sheffield, UK



55 Queen Street Apartments, Manchester, UK

