

Core FR Product Datasheet

Fire rated, dimmable downlight with switchable colour temperature

Product Data

Part Code	R098900
Warranty	5 years
Applications	Interior
Certification(s)	UKCA, CE, RoHS

Physical Data

Colour Finish	White as standard Chrome Brushed Chrome Black optional
Luminaire Fixing	Recessed
Construction Material	Polycarbonate
Diffuser Type	TP(a) rated
Unit Weight (kg)	0.20

Electrical Data

Wattage	6W
Power Factor	>0.90
Voltage Range	AC220-240V
Running Current	71mA
Inrush Current	<30A
Protection Class IEC	Class II
Driver	Internal mains dimmable

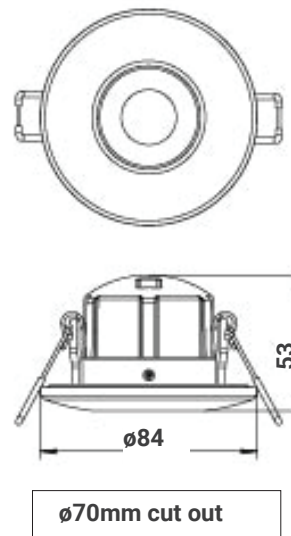
Performance Data

Lumens	602
Efficacy	~100 Lm/W
Operating Temperature	-20°C to +45°C
Kelvin	3000K 4000K (selectable via switch behind bezel)
Beam Angle	60°
Operating Hours	>50000
CRI	>80 Ra
Fire Rated	Yes (30/60/90 min)
IP Rating	IP65 (front) IP54 (back)
IK Rating	IK08
Macadam Ellipse	≤6 sdcM
L70 B50	50,000 hours
L80 B50	30,000 hours
L90 B50	15,000 hours

Fire rated, IP65 front and selectable 3000K or 4000K
I-joist ceiling tested



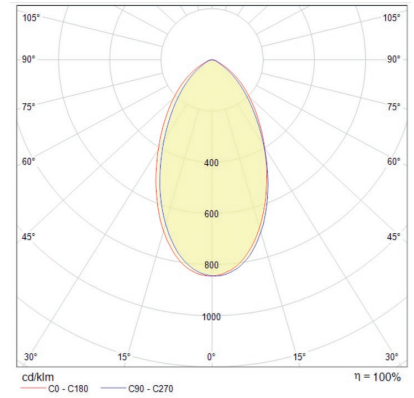
Dimensions (mm)



Core FR Family



Light Distribution:



Switch colour temperature 3000K/4000K



Core FR add on items

Part code	Option
R098-01	Core Chrome Bezel
R098-02	Core Brushed Chrome Bezel
R098-03	Core Black Bezel

