

Academy

SPECIFICATION DOCUMENT



5 YR
WARRANTY

125
LM/W

IP20

TP(a)

Overview

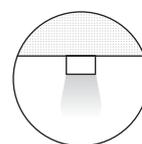
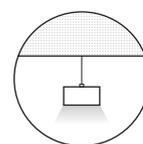
Series of curved profile LED linear luminaires with opal TP(a) diffusers for surface mounting or suspension, often used for school and hospital lighting. The series comes in three lengths and 4000K, with integral emergency and dimming options.

UK
CA

CE

RoHS

RICOMAN®



BESA
BOXES

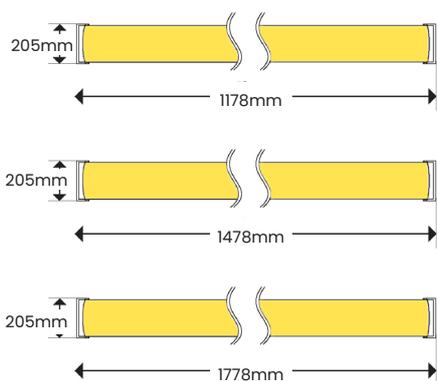
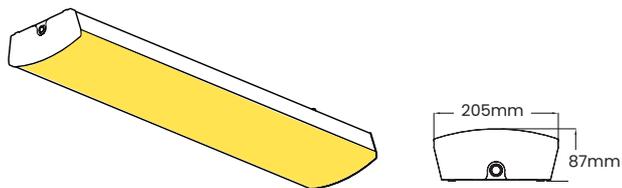
Finish: **Matte White RAL9016**

Power: **7W - 68w**

Kelvin: **4000K**

Controls
& Options: **DALI 2** **Casambi** **Emergency**
PIR

Technical Drawings



Overview

Applications	Interior
Construction Material	Steel (plastic end caps)
Diffuser Type	Polycarbonate-TP(a) rated
IP Rating	IP20
IK Rating	IK08
Mounting	Surface mounted, Suspended, BESA boxes
Ambient Temperature	-20°C to +45°C (0°C to 40°C for emergency)
Warranty	5 years

Luminaire Output

Colour Temperature	4000K
CRI	>85 Ra
Efficacy	~111-125 Lm/W
Beam Angle	140°
Operating Hours	50,000
Macadam Ellipse	≤4 sdcM
L70 B50	70,000 hours

Supply & Power

Voltage Range	AC220-240V
Power Factor	>0.90
Inrush Current	<60A
Protection Class IEC	Class I
Driver	Integral
Cable entry	Side

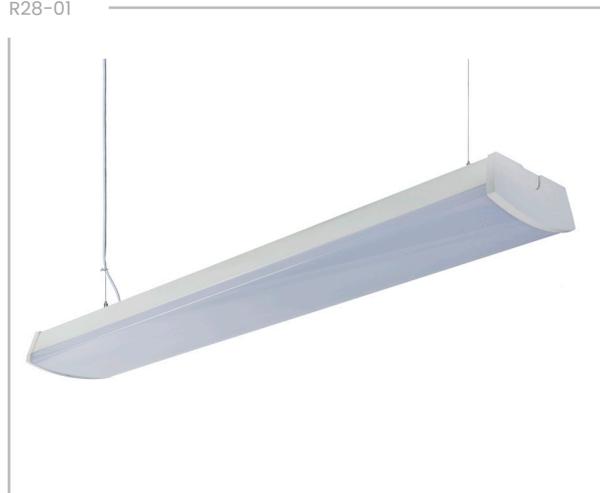
Product Codes & Specifications

Code	Power	Lumens	Length (mm)	Weight (kg)	Running Current
R250012/20W	20W	2416	1178	2.70	600mA
R250012/40W	40W	4812			1000mA
R250015/30W	30W	3619	1478	3.40	750mA
R250015/60W	60W	7226			1600mA
R250018/40W	40W	4818	1778	4.40	1000mA
R250018/68W	68W	8145			1.8mA

Options

Suffix	Option
/DD	DALI dimming
/DL	0-10V dimming
/DSI	DSI dimming
/PIR	PIR sensor
/E	Integral emergency
/CC	Casambi
/DDPRO	DALI emergency
/E-Z10	Z10 remote control integral emergency

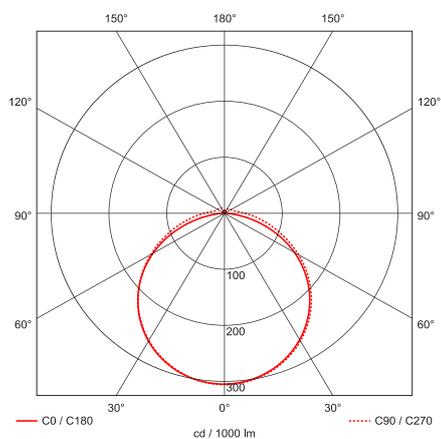
R28-01



Additional Accessories

Code	Accessory
R28-01	1.5m suspension kit
R10-Z10	Z10 Emergency remote control

Photometry



Installation example

Lighthouse offices, Leeds, UK

