

Carina

SPECIFICATION DOCUMENT

RICOMAN®



5 YR
WARRANTY

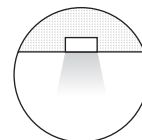
105
LM/W

IP20

UGR

Overview

A cost and energy efficient PL downlight replacement designed to reduce glare and deliver an excellent thermal control. To suit a variety of applications, it comes in four sizes and two colour temperatures with dimming and emergency options available.



Finish:  White

Power: 12W - 23w

Kelvin: 3000K 4000K

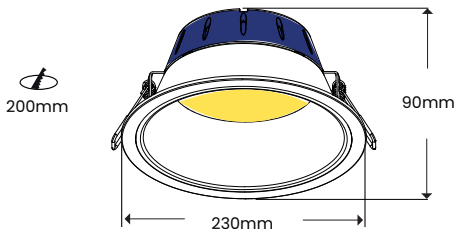
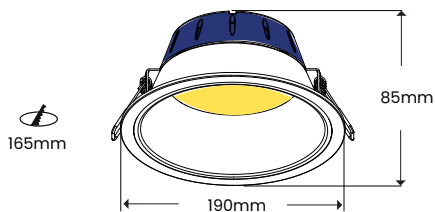
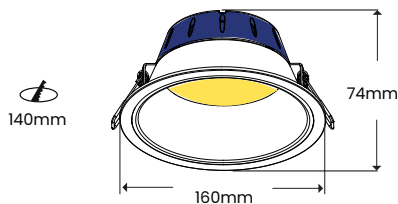
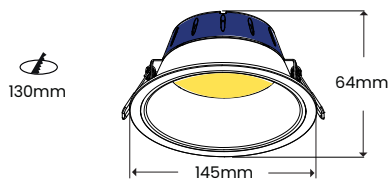
Controls
& Options: DALI 2 Casambi Emergency

UK
CA

CE

✓
RoHS

Technical Drawings



Overview

Applications	Interior
Construction Material	Aluminium
Reflector	Chrome
Diffuser Type	Polystyrene-TP(b) rated
IP Rating	IP20
IK Rating	IK05
Mounting	Recessed
Ambient Temperature	-20°C to +45°C (0°C to 40°C for emergency)
Warranty	5 years

Luminaire Output

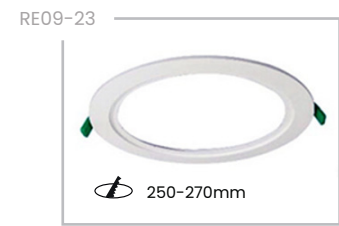
Colour Temperature	3000K 4000K
CRI	>85 Ra
Efficacy	~105 Lm/W
Beam Angle	90°
Operating Hours	50,000
Macadam Ellipse	≤4 sdc _m
L70 B50	70,000 hours
LEDs	Epistar

Supply & Power

Voltage Range	AC220-240V
Power Factor	>0.90
Inrush Current	<60A
Protection Class IEC	Class II
Driver	Remote
Cable entry	Back

Product Codes & Specifications

Code	Wattage	Kelvin	Lumens	Running Current	Cutout (mm)	Unit Weight (kg)
R093301	12W	3000K	1207	DC350mA	130	0.32
R093302	12W	4000K	1247	DC350mA	130	0.32
R093303	15W	3000K	1585	DC350mA	140	0.37
R093304	15W	4000K	1591	DC350mA	140	0.37
R093305	18W	3000K	1888	DC350mA	165	0.53
R093306	18W	4000K	1893	DC350mA	165	0.53
R093307	23W	3000K	2418	DC350mA	200	0.61
R093308	23W	4000K	2420	DC350mA	200	0.61



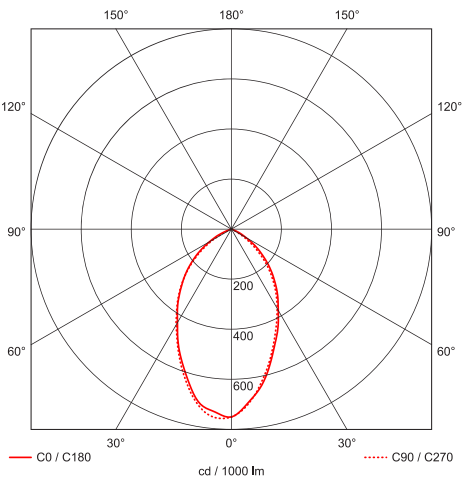
Options

Suffix	Option
/DD	DALI dimming
/DL	0-10V dimming
/DSI	DSI dimming
/CC	Casambi

Additional Accessories

Code	Accessory
R10-03E(SM)	Emergency pack
R10-03E(SM)/DDPRO	DALI emergency pack
R10-03E(SM)/Z10	Z10 remote control emergency
R09-23	Cut Out Extension Ring (compatible with the 23W)

Photometry



Installation example

Burlington Square Apartments, Manchester, UK

