

ROBUS®

DOWNLIGHTS

SUN CIRCULAR LED PANEL

6W, 9W, 12W, 18W, 24W, IP20



PRODUCT INFORMATION DOCUMENT

FEATURES

- Range of 5 Wattages & diameters
- Emergency, DALI or Analogue dimmable available
- Provides functional dimming or Daylight Harvesting energy saving
- White chamfered trim
- Clean looking with virtually no projection below the ceiling
- The light appears to be emitted direct from the ceiling surface
- Slim profile body
- Fits within the thickness of the ceiling
- Ideal for shallow voids or where there are numerous other services

CONSTRUCTION

- White Polycarbonate Housing
- Opal Polystyrene diffuser
- Spring steel mounting springs



WARRANTY



LUMINAIRE LIFETIME



LUMENS PER W



IK RATING



IP RATING



OPERATING VOLTAGE



BEAM ANGLE



CCT



SAFETY CLASS

Product Code:	R120LEDC30N-01 R120LEDC40N-01	R150LEDC30N-01 R150LEDC40N-01	R170LEDC40N-01	R225LEDC30N-01 R225LEDC40N-01	R300LEDC40N-01
Comparable to:	13W PL	18W PL	24W PL	2x18W PL	2x26W PL
Total Power (W):	6.2/6.0	9.5/9.3	11.2	19.9/19.6	23.6
Power Factor:	0.5	0.5	0.9	0.95	0.95
Total Light Output (lm):	510/500	910/930	1,120	1,940/2,120	2,760
Total Emergency Light Output (lm):	NA	NA	NA	NA	NA
Efficacy (lm/cctW):	82/83	97/101	100	98/108	117
Lux at 1m (lux):	180/180	320/330	390	710/780	1,010
Emergency Lux at 1m (lux):	NA	NA	NA	NA	NA
CCT (K):	3000/4000	3000/4000	4000	3000/4000	3000/4000
CRI:	80	80	80	80	80
IP:	20	20	20	20	20
Operation Temperature (°C):	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40
Inrush Current:	NA	NA	NA	NA	NA
RG Value:	0	0	0	0	0
SDCM:	6	6	6	6	6
P _{ST} LM:	NA	NA	NA	NA	NA
SVM:	NA	NA	NA	NA	NA
Energy Class:	F	F	E	E	E
Rated Life to L70B50 (Hrs):	30000	30000	30000	30000	30000
Dimensions ØxH (mm):	120x25	145x25	170x25	225x25	300x25
Cut Out (mm):	110	135	160	210	285
Weight (kg):	0.2	0.28	0.32	0.55	0.7

Separate Control Gear Information

Type of Light Source:	LED	LED	LED	LED	LED
Full Load Efficiency (%):	78	78	81	86	87
P _{NET} (W):	NA	NA	NA	NA	NA
Dimensions (mm):	100x41x26	100x41x25	100x41x25	115x45x29	115x45x29

Product is certified to all the relevant standards.

Please contact our technical department for market specific compliances.

PLEASE NOTE: INFORMATION IN THIS DOCUMENT MAY BE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

IRE: TEL: +353 1 709 9000
UK: TEL: 0800 973 220
AUS: TEL: +61 7 3890 5444
NZ: TEL: +64 03 668 5285

WEB: ROBUS.COM
WEB: ROBUS.COM
WEB: ROBUS.COM.AU
WEB: ROBUSLED.CO.NZ

LED GROUP EUROPE · UK · AUSTRALIA · NEW ZEALAND · ASIA · MIDDLE EAST · AFRICA

SUN CIRCULAR LED PANEL

6W, 9W, 12W, 18W, 24W, IP20

Cone Illuminance Diagram

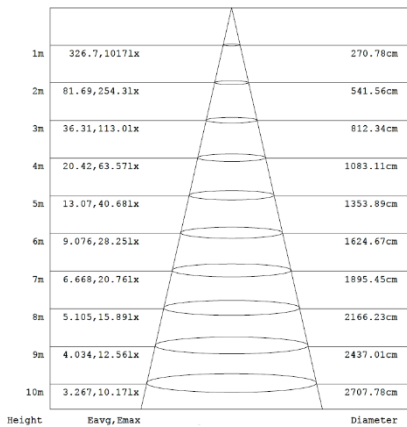
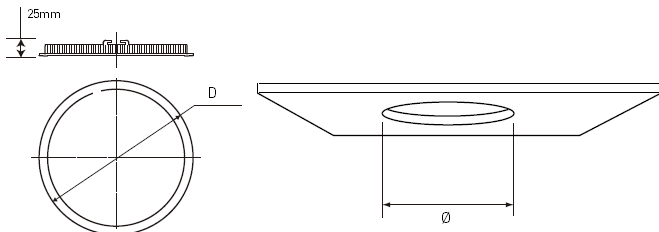


Diagram for R300LEDC40N-01 in 4000K. Other diagrams available on request

Dimension Diagram



Product Code	D	Ø
R120LEDCx0N-01	120	110
R150LEDCx0N-01	145	135
R170LEDC40N-01	170	150
R225LEDCx0N-01	225	210
R300LEDC40N-01	300	285

Sensor Data

Time Off Delay:	NA
Illuminance Switching Range:	NA
Sensitivity Range (%):	NA
Mounting Height (max):	NA
Detection Zone Diameter (max):	NA

Polar Intensity Diagram

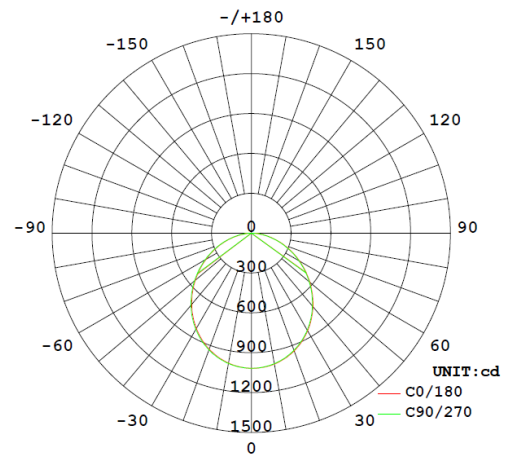


Diagram for R300LEDC40N-01 in 4000K. Other diagrams available on request

Accessories

R3EMPK4-PSU	Plug and play emergency pack (R225/R300 only)
HED2040-D	DALI, 1-10V, Push Dim Driver (R225/R300 only)
R18DIM-PSU	18W dimmable driver for R225LED
R24DIM-PSU	24W dimmable driver for R300LED