

ROBUS®

LAMPS

DELPHI GU10 LED LAMPS

4.5W, 5W, IP20



RDH4Pxxx
RDH5PxxxDU



RDH5P5D2W

PRODUCT INFORMATION DOCUMENT

FEATURES

- Single colour and Dim To Warm versions available
- Suitable for use in fire rated downlights
- LED replacement for 50W Halogen downlights
- 35° beam angle
- No UV or infra-red content
- High quality, high brightness SMD LEDs providing high efficacy exceeding 92lm/W
- Non-dimmable and dimmable with selected leading and trailing edge dimmers versions. Compatibility list available on the website

CONSTRUCTION

- Polycarbonate LED Chroic lens and diffuser
- Aluminium & FR4 laminate PCB



WARRANTY



LIFETIME



LUMENS PER W



IK RATING



IP RATING



OPERATING VOLTAGE



BEAM ANGLE



DIMMING



NON DIMMING



CCT



SAFETY CLASS

Product Code:	RDH4P530	RDH4P540	RDH5P027DU	RDH5P030DU	RDH5P040DU	RDH5P5D2W
Dimmable:*	N	N	Y	Y	Y	Y
Comparable to:	50W halogen	50W halogen	50W halogen	50W halogen	50W halogen	50W halogen
Total Power (W):	4.2	4.3	4.9	4.9	4.9	5.6
Power Factor:	0.5	0.5	0.9	0.9	0.9	0.8
Total Light Output (lm):	420	450	460	450	470	540
Total Emergency Light Output (lm):	N/A	N/A	N/A	N/A	N/A	N/A
Efficacy (lm/cctW):	102	105	94	92	96	96
Lux at 1m (lux):	640	710	700	710	740	760
Emergency Lux at 1m (lux):	N/A	N/A	N/A	N/A	N/A	N/A
CCT (K):	3000	4000	2700	3000	4000	1800-2700
CRI:	80	80	80	80	80	80
IP:	20	20	20	20	20	20
Operation Temperature (°C):	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40
Inrush Current:	6.4A/2.4us	6.4A/2.4us	6.8A/0.52us	6.8A/0.52us	6.8A/0.52us	1.2A/7.2us
RG Value:	0	0	0	0	0	0
SDCM:	<6	<6	<6	<6	<6	<6
P _{ST} LM:	0.005	0.005	0.18	0.18	0.18	0.18
SVM:	0.02	0.02	0.24	0.24	0.24	0.29
Energy Class:	F	F	F	F	F	F
Rated Life to L70B50 (Hrs):	25000	25000	25000	25000	25000	25000
Dimensions ØxH (mm):	50x54	50x54	50x54	50x54	50x54	50x54
Separate Control Gear Information	NA	NA	NA	NA	NA	NA
Type of Light Source:	NA	NA	NA	NA	NA	NA
Full Load Efficiency (%):	NA	NA	NA	NA	NA	NA
P _{NET} (W):	NA	NA	NA	NA	NA	NA
Dimensions (mm):	NA	NA	NA	NA	NA	NA

* See Dimmer Compatibility List on Website

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

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Cone Illuminance Diagram

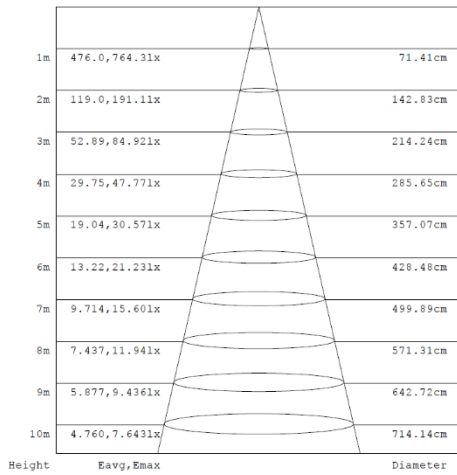
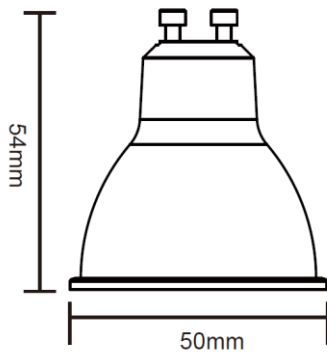


Diagram for RDHP5D2W in 1800K. Other diagrams available on request

Dimension Diagram



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

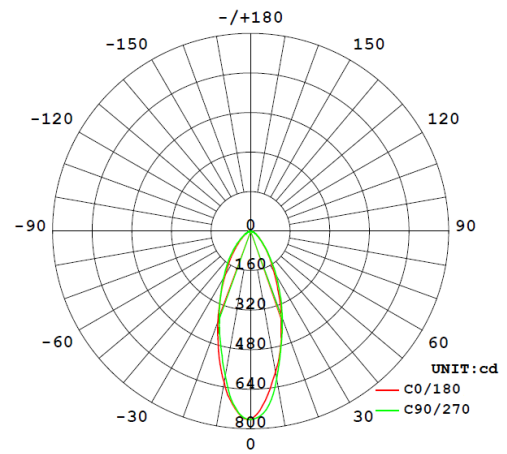


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Accessories

NA

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