



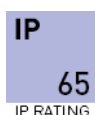
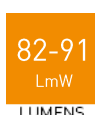
PRODUCT INFORMATION DOCUMENT

FEATURES

- >50% energy savings compared to fluorescent
- Utilises high quality, long life SMD technology
- Sensor version rated at 150W so can switch a total of 14x10W or 9x15W fittings. Ideal for corridor and stairway applications
- High efficiency Pro-diffuser allows maximum light transmission, provides low glare, creates even light distribution – no hot spots
- Wide operating ambient temperature range of -20°C to +35°C
- Suitable for 24/7 use
- Suitable for switching by external PIR, Microwave or Photocell

CONSTRUCTION

- High impact resistance polycarbonate body
- High efficiency polycarbonate pro-diffuser



Product Code:	R075LED-01	R100LED-01	R150LED-01
Standard	R075LEDE-01	R100LEDE-01	R150LEDE-01
Emergency	R075LEDS-01	R100LEDS-01	R150LEDS-01
Microwave Sensor			
Emergency & Sensor			
3 Step Dimming			
Emergency & 3 Step Dimming			
Comparable to:	16W 2D Fluorescent	28W 2D fitting	38W 2D Fluorescent
Total Power (W):	7	10.6	14.6
Power Factor:	0.9	0.9	0.9
Total Light Output (lm):	640	860	1250
Total Emergency Light Output (lm):	180	180	180
Efficacy (lm/cctW):	91	82	86
Lux at 1m (lux):	210	270	410
Emergency Lux at 1m (lux):	60	60	60
CCT (K):	4000	4000	4000
CRI:	80	80	80
IP:	65	65	65
Operation Temperature (°C):	-20 ≤ Ta ≤ +35	-20 ≤ Ta ≤ +35	-20 ≤ Ta ≤ +35
Inrush Current:	6A/4us	6A/4.8us	8A/3us
RG Value:	0	0	0
SDCM:	<6	<6	<6
Pst LM:	NA	NA	NA
SVM:	NA	NA	NA
Energy Class:	D	D	D
Rated Life to L70B50 (Hrs):	50000	50000	50000
Dimensions ØxH (mm):	272x90	330x118	330x118
Weight (kg):	0.9/1.2	1.4/1.8	1.4/1.8

Separate Control Gear Information			
Type of Light Source:	LED	LED	LED
Full Load Efficiency (%):	82	82	86
P _{NET} (W):	NA	NA	NA
Dimensions (mm):	145x45x25	145x45x25	145x45x25

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

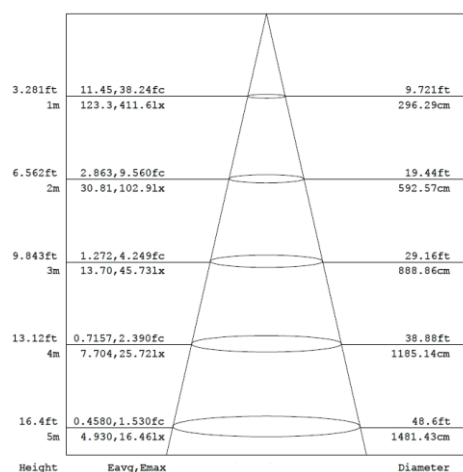
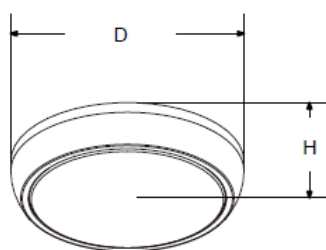


Diagram for R150LED-01 in 4000K. Other diagrams available on request.

Dimension Diagram



	D	H
R075LED	Ø 272mm	90mm
R100LED	Ø 330mm	118mm
R150LED	Ø 330mm	118mm

Sensor Data

Time Off Delay:	5sec to 20min
Illuminance Switching Range (Lux):	2, 10, 25, 50, Disable
Sensitivity Range (%):	10, 25, 50, 75, 100
Mounting Height (max):	3m
Detection Zone Diameter (max):	12m

Polar Intensity Diagram

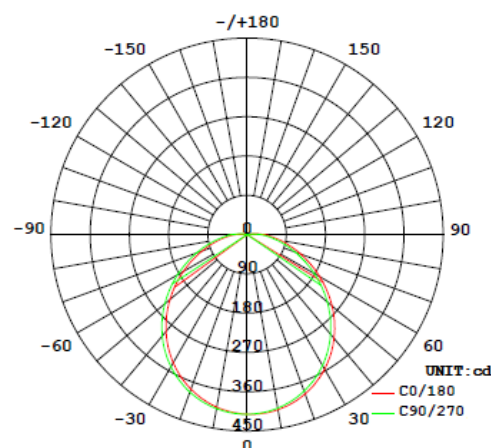


Diagram for R150LED-01 in 4000K. Other diagrams available on request.

Accessories

R162TRIM-03	Chrome Trim for 7.5W
R282TRIM-03	Chrome Trim for 10W & 15W