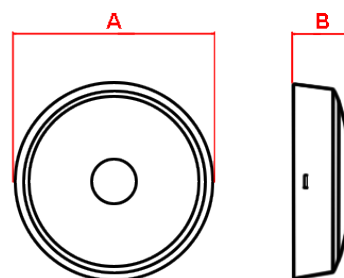


Radiance Gen 2

Surface Mounted IP65 Downlight



230 Lumens	3 Watts	6500K	Ceiling Mounting
LiFePO4 Battery	Class II	IP 65	4Y Warranty

Materials

Housing:	Polycarbonate
Standard Colour:	*White - RAL 9016 Add /WH to Order Code
Alternative Colours:	*Black - RAL 9017 Add /BL to Order Code

Warranty

Standard Warranty:	4 Years
Alternative Warranty:	8 Years Add /8Y to Order Code

Order Code	RAD2NM3/LED3W*
Mode of operation	Non-maintained
Emergency duration	3 hours
Input voltage	230/240V (207VAC - 264VAC) 50/60Hz
Power consumption	0.3W, $I_{nom} = 37mA$ (Full Battery)
Battery type	Rechargeable 3.2V 3Ah LiFePO4
Battery charger	Nominal charge 0.2A (0mA at full battery)
Battery charging limits	Up to 0.3A
Battery low voltage cut off	2.9VDC
Battery discharge current @ 3.2VDC	0.7A
Battery discharging limits	Up to 0.9A for 3 hours
Lamp	3 Watt LED
Lamp colour	6500K
Lamp lumen level in emergency	230lm
Nominal lamp current	$I_{rated} = 0.7A$
Nominal lamp power	$P_{rated} = 3W$
Maximum output voltage with no lamp connected	U-OUT = 4VDC
Ingress protection	IP65
Luminaire class	Class II
Weight	0.52 Kg
Packaging Weight	0.062Kg
Standards	EN61347-2-7, EN61347-2-13, EN 60598-2-22
Environment	0°C to 45°C up to 80% relative humidity.

System	Order Code	Mode of Operation	Battery	Battery P/N	Lumens (Emergency)	Dimensions (mm)	
						A	B
Standalone	RAD2NM3/LED3W*	Non-Maintained	3.2V 3Ah LiFePO4	70274	230	157	50
Alternative Systems Available: Specification Sheets Available Upon Request							
DALI	RADNM3/L3W*/DA	Non-Maintained	3.6V 2.1Ah Ni-Mh	70158	115 (Escape) 120 (Open)	157	50
Central Battery	RAD/L3W*/230S	Slave	-	-	193 (Escape) 199 (Open)	157	50
DALI Central Battery	RAD/L3W*/230SDA	Slave	-	-	193 (Escape) 199 (Open)	157	50

Photometrics

Mounting Height	Lighting level directly under Luminaire (Lux)	Luminaire Spacing (Metres)											
		Escape Route										Open Plan	
		0.5lx	1.0lx	0.5lx	1.0lx	0.5lx	1.0lx	0.5lx	1.0lx	0.5lx	1.0lx	0.5lx	0.5lx
2m	15.19	5.8	5.0	12.7	11.5	10.0	8.9	7.3	6.2	3.1	2.6	3.1	6.1
2.5m	9.72	6.6	5.6	14.9	13.2	11.5	10.0	8.2	6.9	3.5	2.9	3.5	7.1
3m	6.75	7.3	6.0	16.9	14.6	12.9	11.1	9.0	7.5	3.8	3.0	3.8	8.2
4m	3.80	8.4	5.9	19.9	16.7	15.2	12.6	10.4	8.4	4.2	3.2	4.4	10.3
5m	1.69	8.3	5.0	23.8	16.6	17.9	12.8	12.0	9.0	4.5	2.8	4.9	13.3
6m	0.95	7.3	-	23.7	14.7	18.2	11.5	12.7	8.3	4.1	-	4.8	15.5
7m	0.61	4.9	-	22.3	9.7	17.4	7.7	12.4	5.6	2.8	-	4.0	16.9

