

HALO Gen 2

Recessed Downlight DALI



| | | | |
|--------------------|-------------|----------|----------------------|
| 230 Lumens | 3 Watts | 6000K | Recessed Mounting |
| LiFePO4 Battery | Class II | IP 40 | 6Y Warranty |

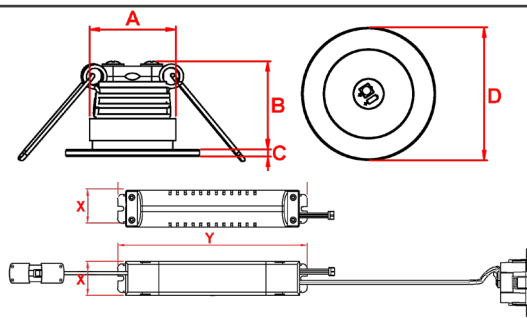
Materials

Lamp Head: Spun Aluminium
Remote Pack: Flame Retardant ABS

Standard Colour: White - RAL 9016
Alternative Colours Available Upon Request

Warranty

Standard Warranty: 6 Years
Alternative Warranty: 10 Years
Add /10 Years to Order Code



| | |
|---|--|
| Order Code | HA2NM3/LED/DA |
| Mode of operation | Non-Maintained |
| DALI Interface | For Controlled Monitoring and Reporting |
| Emergency duration | 3 hours |
| Input voltage | 230/240V (207VAC - 264VAC) 50/60Hz |
| Power consumption | 2VA, $I_{nom} = 8mA$ (Full Battery) |
| Battery type | Rechargeable LiFePO4 Battery 3.2V 3.6Ah |
| Battery low voltage cut off | 2.6V DC |
| Battery discharge current @ 3.2V DC | 0.67A |
| Lamp | 3 Watt |
| Lamp colour | 6000K |
| Lamp lumen level in emergency | 230 lm |
| Nominal lamp voltage | $V_{rated} = 3V$ DC |
| Nominal lamp current | $I_{rated} = 0.53A$ CC |
| Nominal lamp power | $P_{rated} = 2W$ |
| Maximum output voltage with no lamp connected | U-OUT = 10VDC |
| Ingress Protection | IP40 |
| Cut-Out | 38mm* |
| Minimum Ceiling Void (From top of Ceiling Surface) | 200mm Ceiling Void |
| Maximum Ceiling Surface Thickness | 18mm |
| Cable entry | Recessed Pack |
| Incoming DALI Comms cable size cross sectional area | 1 x 1.5mm ² single conductor |
| Luminaire class | Class II |
| Product Weight | 0.65 Kg |
| Packaging Weight | 0.051 Kg |
| Standards | EN61347-2-7, EN61347-2-13, EN 60598-2-22, EN 55015 |
| 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) | | | | | |
|--|----------------|-------------------|---------------------|-------------|--------------------|-----------------|----|-----|----|----|-----|
| DALI* | HA2NM3/LED/DA | Non-Maintained | 3.2V, 3.6Ah LiFePO4 | 70268 | 230 | A | B | C | D | X | Y |
| | | | | | | 29 | 31 | 2.4 | 45 | 36 | 196 |
| Alternative Systems Available: Specification Sheets Available Upon Request | | | | | | | | | | | |
| Standalone | HA2NM3/LED | Non-Maintained | 6.4V, 1.5Ah LiFePO4 | 70267 | 230 | 29 | 31 | 2.4 | 45 | 28 | 196 |
| Central Battery* | ZHALED3W230S | Slave | - | - | 300 | 29 | 31 | 2.4 | 45 | 50 | 220 |
| DALI Central Battery* | ZHALED3W230SDA | Slave | - | - | 300 | 29 | 31 | 2.4 | 45 | 56 | 200 |

Photometrics

| Mounting Height | Lighting level directly under Luminaire (Lux) | Luminaire Spacing (Metres) | | | |
|-----------------|---|----------------------------|-------|-------|-------|
| | | 0.5lx | 1.0lx | 0.5lx | 1.0lx |
| 2.5m | 43.77 | 3.4 | 3.0 | 7.7 | 6.8 |
| 2.7m | 37.53 | 3.5 | 3.2 | 8.1 | 7.0 |
| 3m | 30.40 | 3.8 | 3.4 | 8.7 | 7.6 |
| 4m | 17.11 | 4.6 | 4.1 | 10.2 | 9.2 |
| 6m | 7.60 | 6.1 | 5.4 | 13.5 | 12.1 |
| 8m | 4.28 | 7.3 | 6.0 | 16.5 | 14.7 |
| 10m | 2.74 | 8.2 | 5.8 | 19.2 | 16.5 |

*Please Note: The Remote Pack will not fit through 38mm Cut-out. Ensure Alternative Access into the Ceiling Void is Available.

