

# Vanguard III (Manual Test)

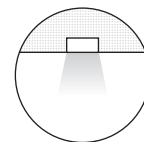
SPECIFICATION DOCUMENT

**RICOMAN®**



## Overview

Manual 3 hour LED emergency recessed downlight using a LI-FE PO4 (Lithium Phosphate) battery. It is available with open area and corridor optic options included and comes with integrated electronics.

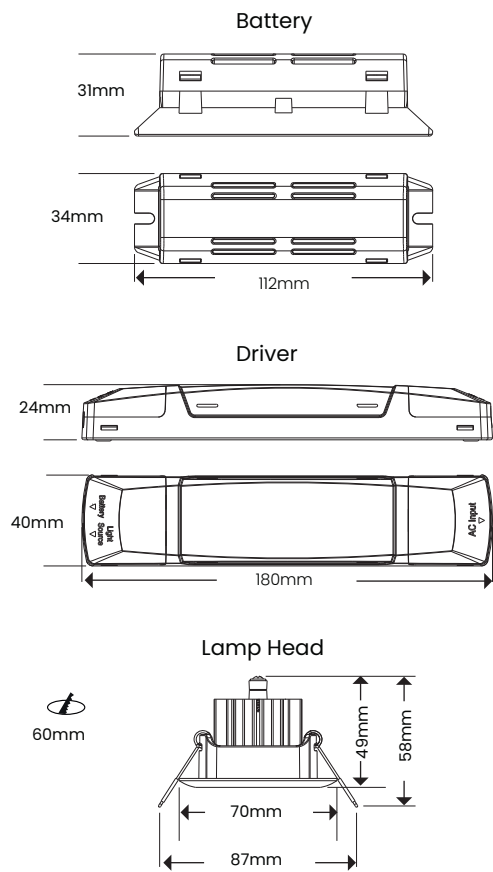


Finish:  **White**

Power: **3W**

Kelvin: **6000K**

Technical Drawings



Overview

|                       |                           |
|-----------------------|---------------------------|
| Applications          | Interior                  |
| Construction Material | Polycarbonate             |
| Diffuser Type         | Polycarbonate-TP(a) rated |
| IP Rating             | IP20                      |
| IK Rating             | IK08                      |
| Mounting              | Recessed                  |
| Weight (kg)           | 0.40                      |
| Ambient Temperature   | 0°C to +40°C              |
| Warranty              | 3 years                   |

Luminaire Output

|                    |                               |
|--------------------|-------------------------------|
| Colour Temperature | 6000K                         |
| Efficacy           | Up to 83 Lm/W                 |
| Operating Hours    | 30,000                        |
| Beam Angle         | 108°                          |
| CRI                | >75 Ra                        |
| Battery Type       | LI-FE PO4 (Lithium Phosphate) |
| Battery Duration   | >3 hours                      |

Supply & Power

|                      |                     |
|----------------------|---------------------|
| Voltage Range        | AC220-240V          |
| Power Factor         | 0.28                |
| Inrush Current       | <16A                |
| Running Current      | DC460mA             |
| Protection Class IEC | Class II            |
| Maintained           | Non maintained      |
| Self Test            | No                  |
| Macadam Ellipse      | ≤4 sdc <sub>m</sub> |
| L70 B50              | 70,000 hours        |

Product Codes & Specifications

| Code           | Optic option                  | Lumens                            |
|----------------|-------------------------------|-----------------------------------|
| R221503/MT/ALL | Open area & corridor included | 241 (open area)<br>225 (corridor) |

Emergency Spacings

| Open Area - 0.5 lux<br>Mounting Height: | From Wall | Spacing |
|-----------------------------------------|-----------|---------|
| 2.5m                                    | 2.5m      | 7m      |
| 3.0m                                    | 3.0m      | 8m      |
| Corridor - 1.0 lux<br>Mounting Height:  | From Wall | Spacing |
| 2.5m                                    | 5.0m      | 13m     |
| 3.0m                                    | 6.0m      | 14m     |



Photometry

