

## LED DOWNLIGHT VITO PLUS IP65



This premium LED COB downlight features an IP65-rated design for dependable performance in wet and dusty environments, powered by high-efficiency COB technology to deliver bright and uniform illumination with excellent beam control. Its deep anti-glare reflector enhances visual comfort while maintaining precise architectural lighting output, while the durable aluminum housing and advanced heat dissipation system ensure long-lasting reliability. Ideal for bathrooms, balconies, soffits, and outdoor covered areas, it combines efficiency, durability, and modern aesthetics in one professional lighting solution.

### PRODUCT ADVANTAGES AND FEATURES

- ◆ High color accuracy with multiple CRI options up to Ra>98, delivering true and vibrant color rendering.  
Wide CCT range (3000K–5700K) to suit warm, neutral, and cool lighting applications.
- ◆ High efficiency performance with PF >0.95 and THD <15 for stable and energy-saving operation.
- ◆ Equipped with a high-performance constant current driver rated at Tc 90°C, ensuring stable operation, better heat management, and extended product lifespan.
- ◆ Durable IP65-rated design with 5-year warranty, ideal for both indoor and moisture-prone environments.



### Products parameter

| Product Name :             |                          | LED DOWNLIGHT VITO PLUS IP65                 |
|----------------------------|--------------------------|----------------------------------------------|
| Electric Data              | Model Number :           | R850510                                      |
|                            | Power :                  | 10W-45W                                      |
|                            | Driver :                 | LIFUD                                        |
|                            | Input :                  | AC 220-240, 50-60Hz                          |
|                            | Power factor :           | Pf>0.95                                      |
|                            | Driver Options :         | On/Off /0-10V / Dali / Zigbee / Triac Dimmer |
|                            | Power Efficiency :       | 92%                                          |
| Photometric Specifications | Light Source :           | COB                                          |
|                            | Lumen Efficiency (±5%) : | 90lm-110lm/W                                 |
|                            | Colour Temperature :     | 3000k - 4000k - 5700k                        |
|                            | Colour Rendering Index : | CRI>90                                       |
|                            | Beam angle :             | 60°                                          |
| Mechanical Specifications  | SDCM :                   | <3                                           |
|                            | Temperature range :      | -20-55°C                                     |
|                            | Housing material :       | Die-casting Aluminium                        |
|                            | Lightning protection :   | 1.5-4KV                                      |
|                            | Protection class :       | IP65                                         |
|                            | Body color :             | White, Black                                 |
|                            | Life time :              | >50000h                                      |
| Type Shapes :              |                          | Round, Square                                |



|                         |                |                      |                |
|-------------------------|----------------|----------------------|----------------|
| 220-240V<br>50-60Hz     | Angle<br>60°   | 50000Hr<br>Long Life | 4500Lm         |
| Projection<br>direction | Pf>0.95        | IK08                 | IP65           |
| 3CCT                    | 3000K<br>Ra≥90 | 4000K<br>Ra≥90       | 5700K<br>Ra≥90 |

### LED Chips

|       |          |      |           |
|-------|----------|------|-----------|
| OSRAM | LUMILEDS | CREE | bridgelux |
|-------|----------|------|-----------|

### LED Drivers

|         |       |         |            |
|---------|-------|---------|------------|
| ROCHLUX | LIFUD | PHILIPS | EAGLE RISE |
|---------|-------|---------|------------|



## Technical Parameter

| Model Number | Power | Luminous Flux | Input              | Color Temperature | Shape  | Product Size | Cutout    | Protection Class |
|--------------|-------|---------------|--------------------|-------------------|--------|--------------|-----------|------------------|
| R850510      | 10W   | 1000lm        | AC85-265V 50/60 HZ | 3000K/4000K/5700K | ROUND  | Ø110 x 60mm  | Ø90mm     | IP65             |
| R850612      | 12W   | 1200lm        | AC85-265V 50/60 HZ | 3000K/4000K/5700K | ROUND  | Ø110 x 60mm  | Ø90mm     | IP65             |
| R850715      | 15W   | 1500lm        | AC85-265V 50/60 HZ | 3000K/4000K/5700K | ROUND  | Ø127 x 70mm  | Ø110mm    | IP65             |
| R850825      | 25W   | 2500lm        | AC85-265V 50/60 HZ | 3000K/4000K/5700K | ROUND  | Ø165 x 80mm  | Ø145mm    | IP65             |
| R850935      | 35W   | 3500lm        | AC85-265V 50/60 HZ | 3000K/4000K/5700K | ROUND  | Ø220 x 90mm  | Ø200mm    | IP65             |
| R851045      | 45W   | 4500lm        | AC85-265V 50/60 HZ | 3000K/4000K/5700K | ROUND  | Ø220 x 90mm  | Ø200mm    | IP65             |
| R850510-S    | 10W   | 1000lm        | AC85-265V 50/60 HZ | 3000K/4000K/5700K | SQUARE | 110x110x60mm | 90x90mm   | IP65             |
| R850612-S    | 12W   | 1200lm        | AC85-265V 50/60 HZ | 3000K/4000K/5700K | SQUARE | 110x110x60mm | 90x90mm   | IP65             |
| R850715-S    | 15W   | 1500lm        | AC85-265V 50/60 HZ | 3000K/4000K/5700K | SQUARE | 127x127x70mm | 110x110mm | IP65             |
| R850825-S    | 25W   | 2500lm        | AC85-265V 50/60 HZ | 3000K/4000K/5700K | SQUARE | 165x165x80mm | 145x145mm | IP65             |
| R850935-S    | 35W   | 3500lm        | AC85-265V 50/60 HZ | 3000K/4000K/5700K | SQUARE | 220x220x90mm | 200x200mm | IP65             |
| R851045-S    | 45W   | 4500lm        | AC85-265V 50/60 HZ | 3000K/4000K/5700K | SQUARE | 220x220x90mm | 200x200mm | IP65             |

## Product Sizes

