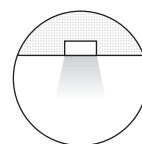


# Endor Round

SPECIFICATION DOCUMENT



# RICOMAN®



Finish: ☐ White

Reflector: ☐ Polished Chrome

☐ Matte Silver

☐ Titanium

Power: 12W – 42W

Kelvin: 3000K 4000K

Tunable white 2700–6500

Options: Standard IP20 housing  
Special IP65 housing  
DALI 2  
CASAMBI  
EMERGENCY  
Honeycomb Diffuser

5 YR  
WARRANTY

100  
LM/W

IP20

CUSTOM  
OPTIONS

CRI  
>90

UGR

## Overview

Round downlight or wallwasher in four sizes with a variety of options regarding beam angles, reflectors, colour temperatures, light distribution and dimming. High performance CREE COB LED modules and Tridonic drivers ensure an excellent performance and the variants allow a truly unique lighting environment using a single range of luminaires.

Design options:

ROUND

ROUND  
RIMLESS

SQUARE

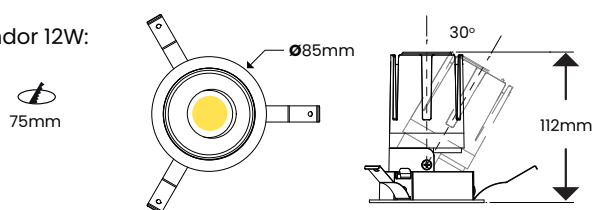
UK  
CA

CE

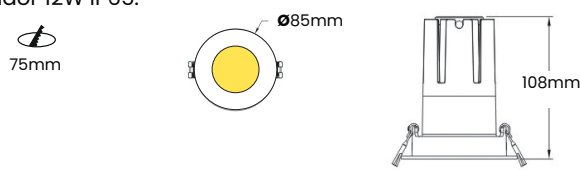
RoHS

## Technical Drawings

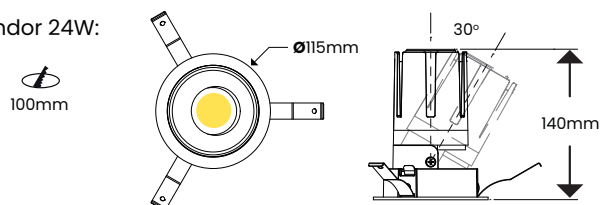
Endor 12W:



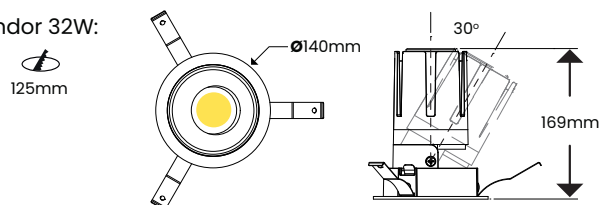
Endor 12W IP65:



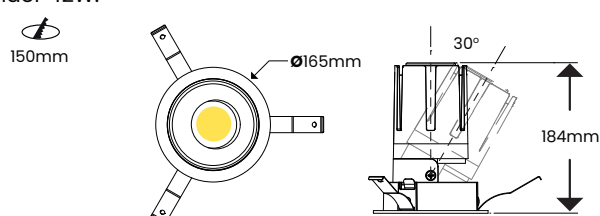
Endor 24W:



Endor 32W:



Endor 42W:



## Overview

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Applications          | Interior                                                     |
| Construction Material | Aluminium                                                    |
| Diffuser Type         | PMMA as standard, honeycomb louvre as optional - TP(a) rated |
| IP Rating             | IP20                                                         |
| Mounting              | Recessed                                                     |
| Ambient Temperature   | -20°C to +45°C<br>(0°C to 40°C for emergency)                |
| Warranty              | 5 years                                                      |

## Luminaire Output

|                    |                 |
|--------------------|-----------------|
| Colour Temperature | 3000K   4000K   |
| CRI                | >90 Ra          |
| Efficacy           | ~100 Lm/W       |
| Beam Angle         | 15°   38°   55° |
| Operating Hours    | 50,000          |
| Macadam Ellipse    | ≤3 sdcm         |
| L70 B50            | 100,000 hours   |
| LEDs               | Single bin CREE |

## Supply & Power

|                      |            |
|----------------------|------------|
| Voltage Range        | AC220-240V |
| Power Factor         | >0.90      |
| Inrush Current       | <60A       |
| Protection Class IEC | Class II   |
| Driver               | Remote     |
| Cable entry          | Back       |

## Product Codes &amp; Specifications

| Code (Downlight) | Code (Wallwasher) | Beam Angle | Reflector Finish | Power | Lumens (at 4000K) | Running Current | Cutout (mm) | Weight (kg) |
|------------------|-------------------|------------|------------------|-------|-------------------|-----------------|-------------|-------------|
| R0966A1B1C1E1    | R0966A1B1C1D1     | 15°        | Titanium         | 12W   | 1201              | DC300mA         | 75          | 0.50        |
| R0966A1B1C1E3    | R0966A1B1C1D3     | 15°        | Matte Silver     |       |                   |                 |             |             |
| R0966A1B1C1E2    | R0966A1B1C1D2     | 15°        | Polished Chrome  |       |                   |                 |             |             |
| R0966A1B2C1E1    | R0966A1B2C1D1     | 38°        | Titanium         |       |                   |                 |             |             |
| R0966A1B2C1E3    | R0966A1B2C1D3     | 38°        | Matte Silver     |       |                   |                 |             |             |
| R0966A1B2C1E2    | R0966A1B2C1D2     | 38°        | Polished Chrome  |       |                   |                 |             |             |
| R0966A1B3C1E1    | R0966A1B3C1D1     | 55°        | Titanium         |       |                   |                 |             |             |
| R0966A1B3C1E3    | R0966A1B3C1D3     | 55°        | Matte Silver     |       |                   |                 |             |             |
| R0966A1B3C1E2    | R0966A1B3C1D2     | 55°        | Polished Chrome  |       |                   |                 |             |             |
| R0966A2B4C6E4    | R0966A2B4C6D4     | 15°        | Titanium         | 24W   | 2405              | DC600mA         | 100         | 0.84        |
| R0966A2B4C6E6    | R0966A2B4C6D6     | 15°        | Matte Silver     |       |                   |                 |             |             |
| R0966A2B4C6E5    | R0966A2B4C6D5     | 15°        | Polished Chrome  |       |                   |                 |             |             |
| R0966A2B5C6E4    | R0966A2B5C6D4     | 38°        | Titanium         |       |                   |                 |             |             |
| R0966A2B5C6E6    | R0966A2B5C6D6     | 38°        | Matte Silver     |       |                   |                 |             |             |
| R0966A2B5C6E5    | R0966A2B5C6D5     | 38°        | Polished Chrome  |       |                   |                 |             |             |
| R0966A2B6C6E4    | R0966A2B6C6D4     | 55°        | Titanium         |       |                   |                 |             |             |
| R0966A2B6C6E6    | R0966A2B6C6D6     | 55°        | Matte Silver     |       |                   |                 |             |             |
| R0966A2B6C6E5    | R0966A2B6C6D5     | 55°        | Polished Chrome  |       |                   |                 |             |             |
| R0966A3B7C9E7    | R0966A3B7C9D7     | 15°        | Titanium         | 32W   | 3191              | DC800mA         | 125         | 1.25        |
| R0966A3B7C9E9    | R0966A3B7C9D9     | 15°        | Matte Silver     |       |                   |                 |             |             |
| R0966A3B7C9E8    | R0966A3B7C9D8     | 15°        | Polished Chrome  |       |                   |                 |             |             |
| R0966A3B8C9E7    | R0966A3B8C9D7     | 38°        | Titanium         |       |                   |                 |             |             |
| R0966A3B8C9E9    | R0966A3B8C9D9     | 38°        | Matte Silver     |       |                   |                 |             |             |
| R0966A3B8C9E8    | R0966A3B8C9D8     | 38°        | Polished Chrome  |       |                   |                 |             |             |
| R0966A3B9C9E7    | R0966A3B9C9D7     | 55°        | Titanium         |       |                   |                 |             |             |
| R0966A3B9C9E9    | R0966A3B9C9D9     | 55°        | Matte Silver     |       |                   |                 |             |             |
| R0966A3B9C9E8    | R0966A3B9C9D8     | 55°        | Polished Chrome  |       |                   |                 |             |             |
| R0966A4B10C12E10 | R0966A4B10C12D1   | 15°        | Titanium         | 42W   | 4198              | DC1050mA        | 150         | 1.75        |
| R0966A4B10C12E12 | R0966A4B10C12D3   | 15°        | Matte Silver     |       |                   |                 |             |             |
| R0966A4B10C12E11 | R0966A4B10C12D2   | 15°        | Polished Chrome  |       |                   |                 |             |             |
| R0966A4B11C12E10 | R0966A4B11C12D4   | 38°        | Titanium         |       |                   |                 |             |             |
| R0966A4B11C12E12 | R0966A4B11C12D6   | 38°        | Matte Silver     |       |                   |                 |             |             |
| R0966A4B11C12E11 | R0966A4B11C12D5   | 38°        | Polished Chrome  |       |                   |                 |             |             |
| R0966A4B12C12E10 | R0966A4B12C12D7   | 55°        | Titanium         |       |                   |                 |             |             |
| R0966A4B12C12E12 | R0966A4B12C12D9   | 55°        | Matte Silver     |       |                   |                 |             |             |
| R0966A4B12C12E11 | R0966A4B12C12D8   | 55°        | Polished Chrome  |       |                   |                 |             |             |

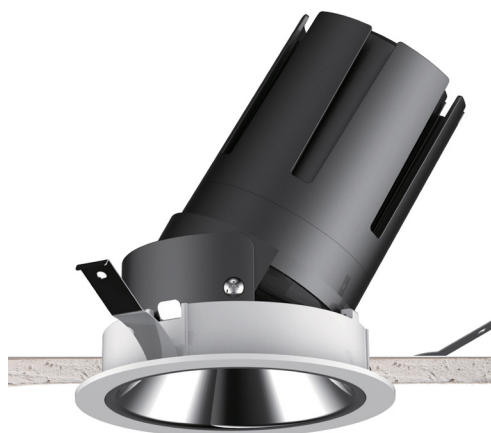
| IP65 Downlight | Wattage | Beam Angle | Cutout (mm) |
|----------------|---------|------------|-------------|
| R0966A1B1C4    | 12W     | 15°        | 75          |
| R0966A1B2C4    |         | 38°        |             |
| R0966A1B3C4    |         | 55°        |             |



Endor IP65

## Options

| Suffix     | Option                      |
|------------|-----------------------------|
| /3K        | 3000K                       |
| /4K        | 4000K                       |
| /DH        | Mains dimming               |
| /DD        | DALI dimming                |
| /DL        | 0-10V dimming               |
| /DSI       | DSI dimming                 |
| / R09-HC40 | Honeycomb louvre 40mm (12W) |
| / R09-HC55 | Honeycomb louvre 55mm (24W) |
| / R09-HC70 | Honeycomb louvre 70mm (32W) |
| / R09-HC85 | Honeycomb louvre 85mm (42W) |
| /CC        | Casambi                     |



Endor with honeycomb diffuser



## Additional Accessories

| Code             | Accessory                                                                          |
|------------------|------------------------------------------------------------------------------------|
| R10-03(SM)       | 3 Hour Emergency Pack                                                              |
| R10-03(SM)/DDPRO | DALI Addressable Downlight Emergency Pack                                          |
| R10-03E(SM)/Z10  | Z10 Remote control emergency kit (manual or advanced self-test)<br>Only Endor >12W |
| R10-Z10          | Z10 Emergency remote control                                                       |

**Full Code Example:** R0966A1B1C1E1/3K Endor 12W  
downlight 15 degree beam, titanium reflector  
in 3000K.

## Photometry

