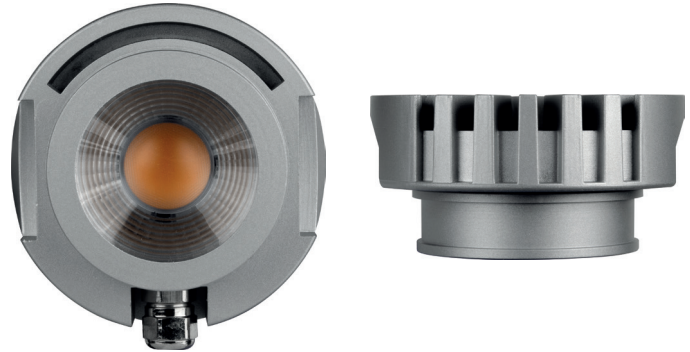


## 301236NWDIM

### DIMMABLE IP65 RECESSED LED MODULE 12W 4000K 36°

Dimmable IP65 recessed LED module, 12W, equipped with a CREE COB LED chip and external EAGLERISE LS Series driver. It delivers a luminous flux of 1416 lm, with a 36° symmetrical beam angle and 4000K colour temperature. Aluminium construction with grey finish and transparent thermoplastic optic, ensuring protection against dust and water (IP65). Compatible with various recessed mounting frames for versatile installation.



#### PRODUCT SPECIFICATIONS

|              |                     |
|--------------|---------------------|
| Item code:   | 301236NWDIM         |
| Description: | Recessed LED module |
| EAN13 code:  | 8435724907571       |

#### ELECTRICAL DATA

|                              |                                   |
|------------------------------|-----------------------------------|
| Power:                       | 12W                               |
| Voltage:                     | 220/240V AC                       |
| Frequency:                   | 50/60Hz                           |
| Driver model:                | EAGLERISE Serie LS                |
| Power factor:                | 0,95                              |
| Dimmable:                    | YES                               |
| Dimming system:              | TRIAC                             |
| Dimming range:               | 10%-100%                          |
| Type of charging:            | Phase beginning and phase cut-off |
| Electrical insulation class: | CLASS II                          |
| Connection:                  | L/N                               |

#### LUMINOUS DATA

|                                         |             |
|-----------------------------------------|-------------|
| Color temperature:                      | 4000K       |
| Luminous efficiency:                    | 118 lm/W    |
| Lumens:                                 | 1416lm      |
| LED chip brand:                         | Cree        |
| LED chip model:                         | COB         |
| Beam angle:                             | 36°         |
| Luminous distribution:                  | Symmetrical |
| Color rendering index:                  | >90         |
| Standard desviation of colour matching: | <4          |
| Luminous flux maintenance:              | L95B10      |

|                                        |      |
|----------------------------------------|------|
| Flicker index:                         | ≤1,0 |
| SVM (Stroboscopic Visibility Measure): | ≤0,4 |

### TECHNICAL DATA

|                        |                                                          |
|------------------------|----------------------------------------------------------|
| Protection rating:     | IP65 (Dust-tight equipment protected against water jets) |
| Impact rating:         | IK06 (1J)                                                |
| Operating temperature: | -20°~50°                                                 |
| Mounting type:         | Recessed                                                 |

### AVERAGE LIFESPAN

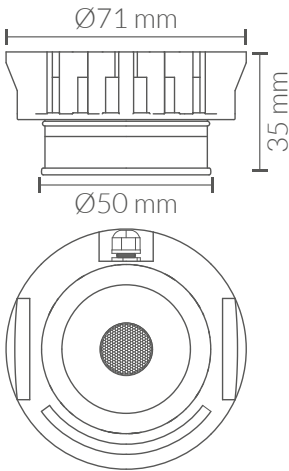
|                   |              |
|-------------------|--------------|
| Working hours:    | 50000 hrs    |
| Switching cycles: | 30000 ON/OFF |

### PHYSICAL DATA

|           |               |
|-----------|---------------|
| Housing   |               |
| Material: | Aluminum      |
| Finish:   | Grey          |
| Optical   |               |
| Material: | Thermoplastic |
| Finish:   | Transparent   |
| Weight    |               |
| Weight:   | 0,19 kg       |

|                                      |   |
|--------------------------------------|---|
| ENERGY EFFICIENCY 2023(UE-2019/2015) | F |
|--------------------------------------|---|

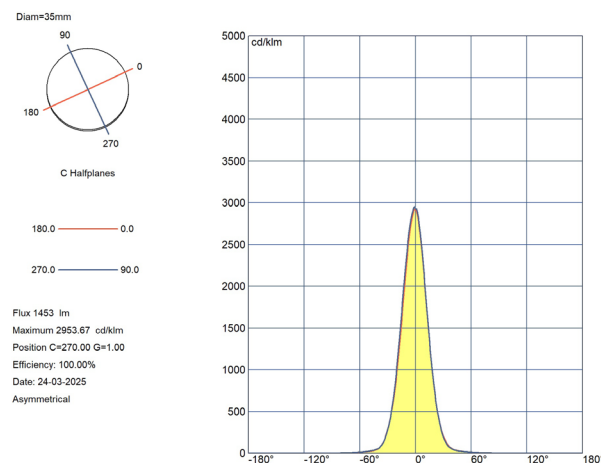
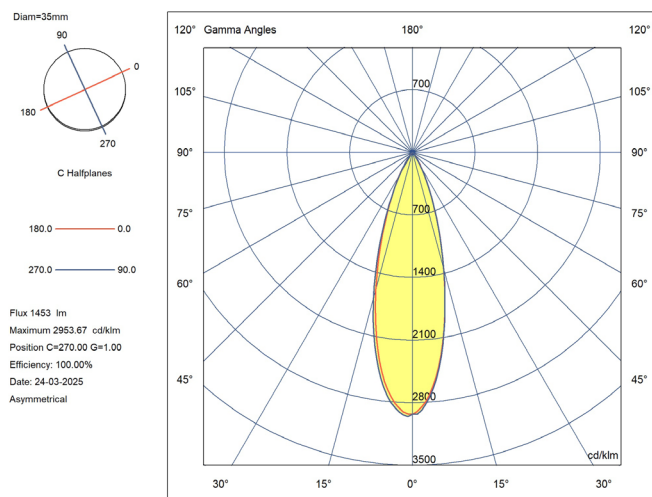
### DIMENSIONS



Module compatible with the following references (recessed mounting frames):

|       |       |       |       |
|-------|-------|-------|-------|
| 316BL | 316NG | 323BL | 323NG |
| 324BD | 324BN | 324ND | 324NB |

## LUMINOUS INTENSITY DISTRIBUTION CURVE



## CERTIFICATIONS

### CE & ROHS

#### EMC Directive 2014/30/EU – ELECTROMAGNETIC COMPATIBILITY

- EN IEC 55015** Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.
- EN 61547** Equipment for general lighting purposes. EMC immunity requirements.
- EN IEC 61000-3-2** Electromagnetic compatibility (EMC). Part 3-2: Limits. Limits for harmonic current emissions (equipment with input current  $\leq 16$  A per phase).
- EN IEC 61000-3-3** Electromagnetic compatibility (EMC). Part 3-3: Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems for equipment with rated current  $\leq 16$  A per phase and not subject to conditional connection.

#### LVD Directive 2014/35/EU – LOW VOLTAGE

- EN IEC 60598-1** Luminaires. Part 1: General requirements and tests.
- EN IEC 60598-2-2** Luminaires. Part 2-2: Particular requirements. Recessed luminaires and recessed air-handling luminaires.
- EN IEC 62031** LED modules for general lighting. Safety specifications.

#### RoHS Directive 2011/65/EU and Commission Delegated Directive (EU) 2015/863

Determination of certain substances in electrotechnical products.

- EN IEC 63000**

