

# FORMA 2.2

FORMA 2.2 10W PRIMER A25° 3000K  
24V DC

Cod: **FRM06DCZ0PRA00**

Metel: **FRMDRZ003**



**IdroSkud®** protection system  
polarity reversal protection +  
voltage spikes protection + water  
infiltration protection



**Protection class III**  
Designed to be supplied from a  
separated extra-low voltage  
(SELV) power supply



**IP 65**  
Protected against water jets



**IK 08**  
Protected against impact of 5 J



**High temperatures**  
Design to withstand temperatures  
up to +50° C



**C5** - Very high  
corrosion resistance level ISO 9223



**Customizable finishing**  
The luminaire could be painted by  
final client



**Mizar warranty**  
5 years warranty



## Technical description

FORMA is a range of modular, wall-mounted step lights, suitable for outdoor environments (IP65), with a wide operating temperature range: -20°C / +50°C. The body is made of aluminum protected by an epoxy polyester coating that guarantees corrosion resistance equal to 1,500 hours in salt spray. The light source consists of a 5W or 10W SMD LED board, powered by 24V constant voltage. The cover and magnetic reflector are modular and can be removed from the LED engine without removing it from the wall. This allows for easy maintenance, with the possibility of replacing a single component and at the same time great freedom of customization. The three parts of FORMA can also be ordered separately. Its luminous flux and design make it ideal as a step light for pedestrian paths or stairways. Color Rendering Index CRI > 90. FORMA is equipped with the IdroSkud® system to protect electronic components from voltage spikes, polarity reversal, and water infiltration. The product must be paired with a power supply to ensure its operation. The power supply must be ordered separately. The number of fixtures that can be connected to a single power supply varies depending on the type of installation. It is the installer's responsibility to check for possible voltage drops by evaluating the distance between the product and the power supply.

## Lighting data

|                             |              |                      |  |
|-----------------------------|--------------|----------------------|--|
| Source type                 | SMD chip     | Photobiological risk | RG0  |
| CCT                         | 3000K        | ULR                  | 0.14%  |
| CRI                         | > 90         | BUG Rating           | B0 U1 G1   |
| MacAdam (SDCM)              | 2            | CIE Flux Code        | 30 62 87 100 100   |
| Source lumen output (lm)    | 1651         | LED lifetime         | L80 B10 50.000h  |
| Luminaire lumen output (lm) | 743          | Efficiency class     | This product contains a light source of energy efficiency class (EU2019/2015): C |
| Light emission              | Asymmetrical |                      |  |
| Beam angle                  | A25°         |                      |  |

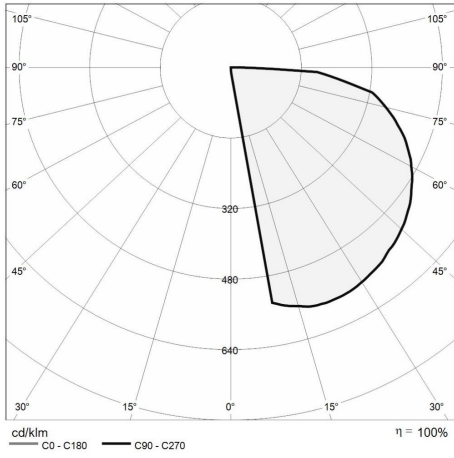
## Mechanical data

|                   |   |                             |                              |
|-------------------|---|-----------------------------|------------------------------|
| Width (mm)        | 245   | Body material               | Die-cast aluminum EN AB46100 |
| Length (mm)       | 34.7  | Diffuser material           | Polycarbonate UV-stabilised  |
| Height (mm)       | 150   | Diffuser thickness (mm)     | 2                            |
| Weight (Kg)       | 0.927   | Class ISO 9223              | C5                           |
| IP Rating         | IP65  | Maximal working temperature | +50° C                       |
| IK rating         | IK08  | Minimal working temperature | -20° C                       |
| Type of finishing | Protective primer followed by epoxy and polyester paint |                             |                              |

## Electrical data

|                                 |                                      |                             |                     |
|---------------------------------|--------------------------------------|-----------------------------|---------------------|
| Nominal power (W)               | 10                                   | Electrical connection       | Parallel connection |
| Power supply (input power type) | Constant voltage - 24V DC            | Idroskud® protection        | Yes                 |
| Ballast                         | Remote                               | Inverse polarity protection | Yes                 |
| Insulation class                | III                                  | Voltage spikes protection   | Yes                 |
| Dimmable                        | Yes                                  |                             |                     |
| Power cable type                | FR5FOEM7 - AD8 2x0,5 mm <sup>2</sup> |                             |                     |
| Power cable length              | 0,4 m                                |                             |                     |

Photometry



Technical drawing

