

# LAMINA 5.0

LAMINA 5.0 507mm 7W OPAL 3000K  
24V 0,4M

Cod: **LAM01DBK000A00**



**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 67**  
Protected against temporary  
immersion (30 minutes) up to 1  
meter



**IP 66**  
Protected against powerful power  
jets, 100 liters per minute



**IK 10**  
Protected against impact of 20 J



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



**Drive-over**  
Fixture design to withstand a static  
load up to 2000kg



**CX - Extreme**  
corrosion resistance level ISO 9223



**Mizar warranty**  
5 years warranty



## Technical description

LAMINA is a linear ingrounds range, drive-over, suitable for outdoor environments (IP66/IP67), with operating temperature range: -20°C / +50°C. The body is made of PMMA, transparent and opal on the upper side. The light source is LED SMD3014, powered at 24V in constant voltage. The luminous flux makes it ideal for marking pedestrian and driveway paths, or creating light cuts on floors, walls and ceilings. Color rendering index CRI > 80. Lineo is equipped with IdroSkud® system to protect electronic components from voltage spikes, polarity reversal and water infiltration. Installation accessories are provided (floor and plasterboard outercase; cable extensions up to 15 m). The product must be combined with a power supply to ensure its operation. The power supply must be ordered separately. The amount of luminaires that can be connected to a single power supply varies depending on the type of installation. It is up to the installer to verify the possible voltage drop by evaluating the distance between the product and the power supply.

## Lighting data

|                             |               |                      |                                                                                  |
|-----------------------------|---------------|----------------------|----------------------------------------------------------------------------------|
| Source type                 | SMD chip 3014 | Photobiological risk | RG0                                                                              |
| CCT                         | 3000K         | ULR                  | 100,00%                                                                          |
| CRI                         | > 80          | BUG Rating           | B0 U3 G0                                                                         |
| MacAdam (SDCM)              | 3             | CIE Flux Code        | 0 0 0 0 100                                                                      |
| Source lumen output (lm)    | 693           | LED lifetime         | L80 B10 50.000h                                                                  |
| Luminaire lumen output (lm) | 158           | Efficiency class     | This product contains a light source of energy efficiency class (EU2019/2015): F |
| Light emission              | Diffused      |                      |                                                                                  |
| Beam angle                  | 120°          |                      |                                                                                  |

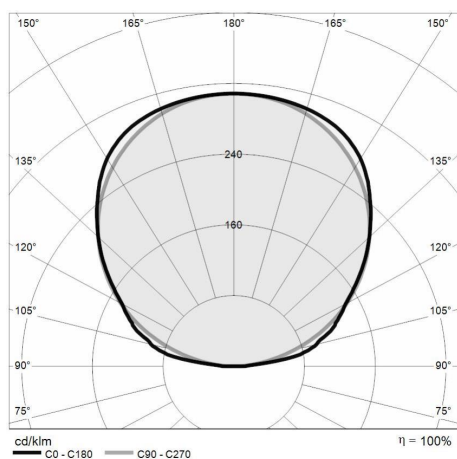
## Mechanical data

|                   |                 |                             |                   |
|-------------------|-----------------|-----------------------------|-------------------|
| Width (mm)        | 18              | Class ISO 9223              | CX                |
| Length (mm)       | 507             | Maximal working temperature | +50° C            |
| Height (mm)       | 34.5            | Minimal working temperature | -20° C            |
| IP Rating         | IP66 / IP67     | Maximum static load (kg)    | 2000              |
| IK rating         | IK10            | Walk-over                   | Yes               |
| Finishing colour  | Opal white      | Drive-over                  | Yes               |
| Body material     | Trasparent PMMA | Maximal surface temperature | +50° C            |
| Diffuser material | Opal PMMA       | Areas EN 60598-2-13         | A1 / A2 / A3 / A4 |

## Electrical data

|                                 |                          |                             |                     |
|---------------------------------|--------------------------|-----------------------------|---------------------|
| Nominal power (W)               | 7                        | Electrical connection       | Parallel connection |
| Power supply (input power type) | Costant voltage - 24V DC | Idroskud® protection        | Yes                 |
| Ballast                         | Remote                   | Inverse polarity protection | Yes                 |
| Insulation class                | III                      | Voltage spikes protection   | Yes                 |
| Dimmable                        | Yes                      |                             |                     |
| Connector type                  | M12 - 5 poles IP67       |                             |                     |
| Power cable length              | 0,4 m                    |                             |                     |

## Photometry



## Technical drawing

