



# Principe 110mm

PRINCIPE 9W 3000K 60° white RAL9003

Cod: **MIC0077**



IP20 / IP54

Protected against dust and splashes (only in the lower part of the product)



II

Protection class II



CRI >90

Colour rendering index >90



CAM compliant

CAM (Minimum Environmental Criteria) compliant product for indoor and outdoor installation



Reer warranty

Reer guarantees the product for a time duration of 3 years



## Technical description

Product code: MIC0077 | Category: Indoor luminaires | Model: Principe 110mm | Product description: PRINCIPE 9W 3000K 60° white RAL9003 | Source type: COB | Color temperature (CCT): 3000K | Color render index (CRI): > 90 | MacAdam (SDCM): < 3 | Lumen output (lm): 764 | Beam angle: 60° | Photobiological risk: RG1 (low risk) | LED Lifetime: 50.000 h | Diameter (mm): 110 | Height (mm): 42 | Recess hole (mm): Ø 90 | Weight (g): 250 | IP rating: IP 20 / IP 54 (front) | Finishing colour: White RAL9003 | Body material: Die-cast aluminum | Diffuser material: Clear tempered glass | Maximal working temperature: -20° C | Minimal working temperature: +50° C | Nominal power (W): 9 | Power factor: > 0,5 | Power supply: 220/240V 50/60Hz 200mA | Ballast: Included | Insulation class: II | Dimmable: No |

## Lighting data

|                          |            |                      |                                |
|--------------------------|------------|----------------------|--------------------------------|
| Source type              | COB, COB   | Beam angle           | 60°, 60°                       |
| Color temperature (CCT)  | 3000K      | Photobiological risk | RG1 (low risk), RG1 (low risk) |
| Color render index (CRI) | > 90, > 90 | LED Lifetime         | 50.000 h                       |
| MacAdam (SDCM)           | < 3, < 3   |                      |                                |
| Lumen output (lm)        | 764        |                      |                                |

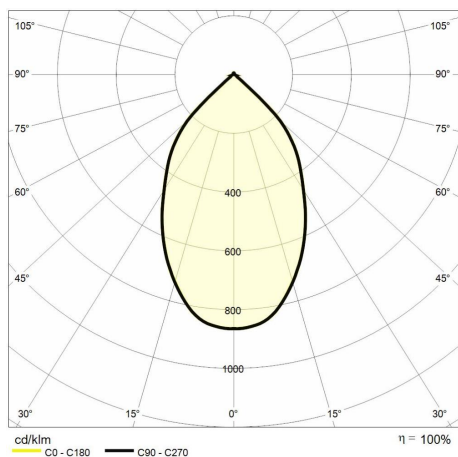
## Mechanical data

|                  |                                              |                             |                                      |
|------------------|----------------------------------------------|-----------------------------|--------------------------------------|
| Diameter (mm)    | 110                                          | Finishing colour            | White RAL9003, White RAL9003         |
| Height (mm)      | 42                                           | Body material               | Die-cast aluminum, Die-cast aluminum |
| Recess hole (mm) | Ø 90                                         | Diffuser material           | Clear tempered glass                 |
| Weight (g)       | 250                                          | Maximal working temperature | +50° C                               |
| IP rating        | IP 20 / IP 54 (front), IP 20 / IP 54 (front) | Minimal working temperature | -20° C                               |

## Electrical data

|                   |                        |                           |    |
|-------------------|------------------------|---------------------------|----|
| Nominal power (W) | 9                      | Dimmable                  | No |
| Power factor      | > 0,5                  | Quantity per package      | 1  |
| Power supply      | 220/240V 50/60Hz 200mA | Total quantity per boxing | 36 |
| Ballast           | Included, Included     |                           |    |
| Insulation class  | II                     |                           |    |

## Photometry



## Technical drawing

