



# Principe 140mm

PRINCIPE 13W 3000K 40° white  
RAL9003

Cod: **MIC0078**



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: MIC0078 | Category: Indoor luminaires | Model: Principe 140mm | Product description: PRINCIPE 13W 3000K 40° white RAL9003 | Source type: COB | Color temperature (CCT): 3000K | Color render index (CRI): > 90 | MacAdam (SDCM): < 3 | Lumen output (lm): 1079 | Beam angle: 40° | Photobiological risk: RG1 (low risk) | LED Lifetime: 50.000 h | Diameter (mm): 140 | Height (mm): 54 | Recess hole (mm): Ø 120 | Weight (g): 440 | 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): 13 | Power factor: > 0,5 | Power supply: 220/240V 50/60Hz 300mA | Ballast: Included | Insulation class: II | Dimmable: No |

## Lighting data

|                          |            |                      |                                |
|--------------------------|------------|----------------------|--------------------------------|
| Source type              | COB, COB   | Beam angle           | 40°                            |
| 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)        | 1079       |                      |                                |

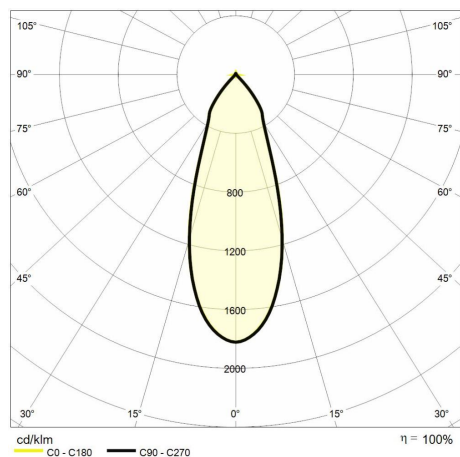
## Mechanical data

|                  |                                              |                             |                                      |
|------------------|----------------------------------------------|-----------------------------|--------------------------------------|
| Diameter (mm)    | 140                                          | Finishing colour            | White RAL9003, White RAL9003         |
| Height (mm)      | 54                                           | Body material               | Die-cast aluminum, Die-cast aluminum |
| Recess hole (mm) | Ø 120                                        | Diffuser material           | Clear tempered glass                 |
| Weight (g)       | 440                                          | 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) | 13                     | Dimmable                  | No |
| Power factor      | > 0,5                  | Quantity per package      | 1  |
| Power supply      | 220/240V 50/60Hz 300mA | Total quantity per boxing | 36 |
| Ballast           | Included, Included     |                           |    |
| Insulation class  | II                     |                           |    |

## Photometry



## Technical drawing

