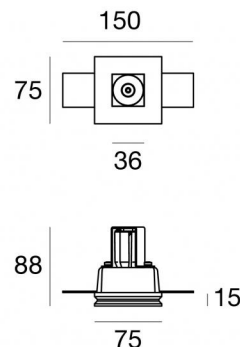
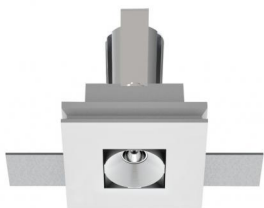


# Gypsum Cell



Downlights | 1 x powerLED 2 W DC 630 mA | CRI 90  
**64630N15**



85

## Technical data

|  |                           |
|--|---------------------------|
| Type   | Encasement without flange |
| Installation position                          | Ceiling                   |
| Installation environment                       | Indoor                    |
| Light Source                                   | LED                       |
| Circuit structure                              | powerLED                  |
| Optics   | Spot                      |
| Light emission direction                       | downward                  |
| Nominal power                                  | 2 W DC                    |
| Source lumens                                  | 237 lm                    |
| Input voltage range                            | 630mA                     |
| CCT / Tone                                     | 4000 K                    |
| Colour rendering index                         | 90 Ra                     |
| C.C. / C.V.                                    | CC                        |
| Safety class                                   | 3                         |
| IP   | IP20                      |
| Glow wire test                                 | 850°                      |
| Direct mounting on normally flammable surfaces | Yes                       |
| CE   | Yes                       |
| Driver included                                | No                        |
| Dimmable article                               | DALI - 1-10V              |
| Directional                                    | No                        |
| Tilting  | No                        |
| Walk-over                                      | No                        |
| Drive-over                                     | No                        |
| Cable included                                 | Yes                       |
| Cable length                                   | 0.170 m                   |
| Resin potting                                  | No                        |
| Type of light emission                         | Single emission           |
| Net weight                                     | 0.42 Kg                   |
| Electrostatic discharge protection             | No                        |
| Surge protection                               | No                        |
| Product technological characteristics          | TVS                       |

## Finishing casing

|          |         |
|----------|---------|
| Material | plaster |
| Colour   | white   |


## Finishing diffuser

|          |       |
|----------|-------|
| Material | Pet   |
| Colour   | White |


## Finishing radiator


|            |                                  |
|------------|----------------------------------|
| Material   | Die-cast Aluminium EN AB - 46100 |
| Processing | Tumbling                         |

## Electronics

 89147  
On/Off Driver 198-264V AC / 180-275V DC (1 - 2 art.)

 99105  
On/Off Driver 198-264V AC (6 - 12 art.)

 99374  
On/Off Driver 198-264V AC / 176-275V DC 75 W (1 - 37 art.)

 99710  
1-10V Converter 24V DC (- art.)

 99713  
DALI Converter 24V DC (- art.)

 99376  
On/Off Driver 198-264V AC (3 - 6 art.)

## Cables Electrification

|                 |    |
|-----------------|----|
| Cable connector | No |
|-----------------|----|

Downlights | 1 x powerLED 2 W DC 630 mA | CRI 90 | Base 64630N15

Single emission recessed downlights for indoor application. The natural white LED light source with a spot light distribution is composed of 1 powered LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 237 lm, with a 118.5 lm/W nominal luminous efficacy.

The device body is made of plaster and features a white finish; the diffuser is made of pet. The ingress protection degree is IP20; the total weight is of 0.42 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 2 W. The power supply cable is included and features a 0.170 m length.

The device features protection class III and can be ceiling-mounted, with a 85 x 85 mm hole (in plasterboard).

Compliant with the EN 60598-1 standard and its specific provisions.

### Energy efficiency class

This product contains a light source of energy efficiency class E.

### Illuminotechnical Features

|  |                |
|--|----------------|
| Light Output Ratio (LOR)               | 75 %           |
| Source lumens                          | 237 lm         |
| Delivered lumens                       | 180 lm         |
| Consumption                            | 2,0 W          |
| Luminaire efficacy                     | 90 lm/W        |
| Colour temperature                     | 4000 K         |
| Standard Deviation of Colour Matching  | 3 Step MacAdam |
| Colour rendering index                 | 90 Ra          |
| Standard Operating Ambient Temperature | -20 / +50°C    |
| Ordinary temperature on the glass      | 40°C           |

### LED Life / Failure Ratio

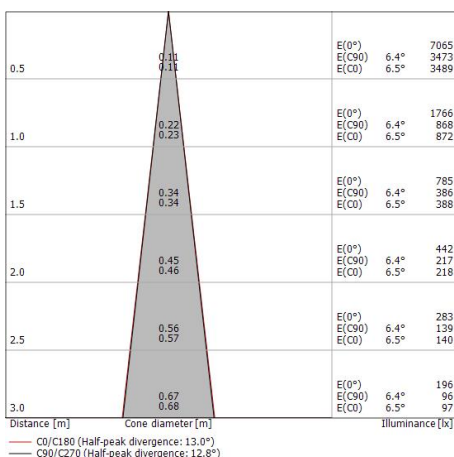
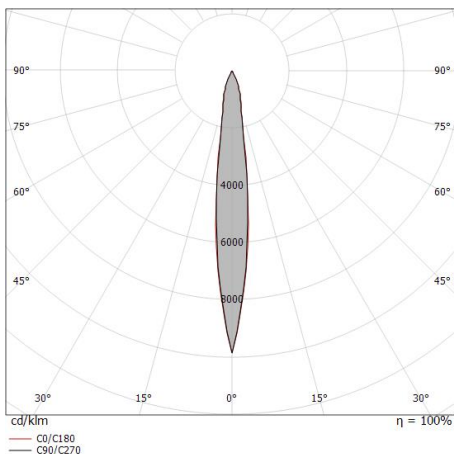
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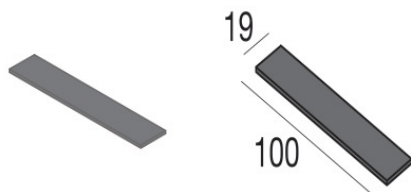
### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 15.4     |
| UGR transversal   | 15.3     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| C0/C180 optics              | 13°         |
| Light distribution simmetry | Symmetrical |





Spacer - KIT thicknesses for installation on plasterboard

**Code**

60830