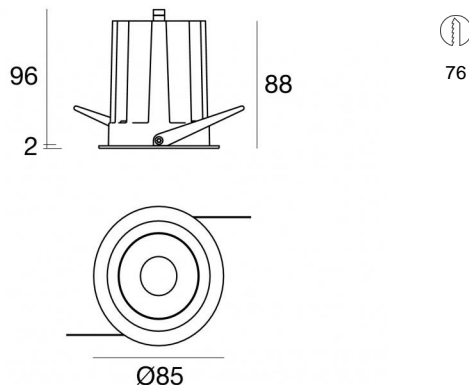


# Cob40\_R



Downlights | 1 arrayLED 18 W DC 500 mA | CRI 90  
82474N60

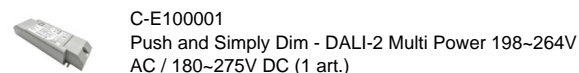
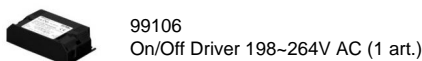
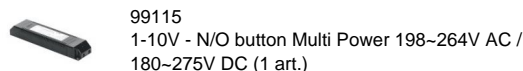


| Données techniques                                       |                 |
|--|-----------------|
| Position d'installation                                  | Plafond         |
| Environnement d'installation                             | Intérieur       |
| Source lumineuse   | LED             |
| Circuit structure  | arrayLED        |
| Optique  | Wide Flood      |
| Light emission direction                                 | downward        |
| Puissance nominale                                       | 18 W DC         |
| Flux lumineux (source)                                   | 2930 lm         |
| Plage de tension d'entrée                                | 500mA           |
| Température de couleur / Tone                            | 4000 K          |
| Indice de rendu chromatique                              | 90 Ra           |
| C.C. / V.C.  | CC              |
| Classe d'isolation                                       | 3               |
| IP   | IP40            |
| IP bloc optique  | IP44            |
| IK   | IK05            |
| Essai au fil incandescent                                | 850°            |
| Montage direct sur des surfaces normalement inflammables | Oui             |
| CE   | Oui             |
| Driver inclus  | Non             |
| Article à intensité variable                             | DALI - 1-10V    |
| Orientable   | Non             |
| Basculement  | Non             |
| Piétinable   | Non             |
| Carrossable  | Non             |
| Câble inclus   | Oui             |
| Longueur du câble  | 0.15 m          |
| Revêtement en résine                                     | Non             |
| Type d'émission lumineuse                                | Émission simple |
| Poids net  | 0.375 Kg        |
| Protection contre les décharges électrostatiques         | Non             |
| Protection contre les surtensions                        | Non             |

## Finition corps

|             |   |
|-------------|---|
| Matériau    | Aluminium moulé sous pression EN AB - 46100 |
| Couleur     | Noir  |
| Fabrication | Revêtement en poudre                        |

## Électronique



## Cables Electrification

|                 |                       |
|-----------------|-----------------------|
| Cable connector | MALE JST SMR-02V-B    |
| Cable connector | FEMALE JST SMP-02V-BC |



Downlights | 1 arrayLED 18 W DC 500 mA | CRI 90  
**82474N60**

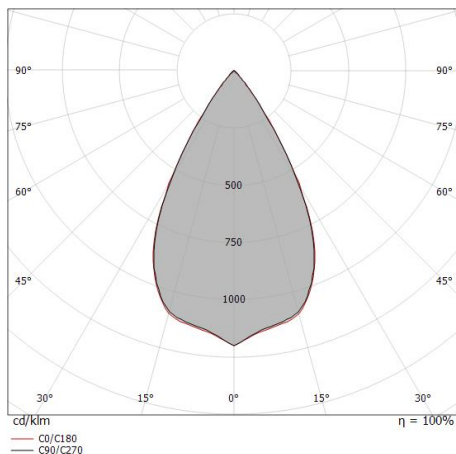
Single emission recessed downlights for indoor application. The natural white LED light source with a wide flood light distribution is composed of 1 arrayLEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 2930 lm, with a 162.8 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating. The ingress protection degree is IP40; the total weight is of 0.375 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 18 W. The power supply cable is included and features a 0.15 m length.

The device features protection class III and can be ceiling-mounted, with a 76 mm diameter hole (in plasterboard) with an outer casing, code 89374(for concrete or masonry).

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



| Distance [m] | Cone diameter [m] | illuminance [lx]                                     |
|--------------|-------------------|--|
| 0.5          | 0.56<br>0.56      | E(0°) 10903<br>E(C90) 29.1° 3643<br>E(C0) 29.3° 3636 |
| 1.0          | 1.11<br>1.12      | E(0°) 2726<br>E(C90) 29.1° 911<br>E(C0) 29.3° 909    |
| 1.5          | 1.67<br>1.68      | E(0°) 1211<br>E(C90) 29.1° 405<br>E(C0) 29.3° 404    |
| 2.0          | 2.23<br>2.24      | E(0°) 681<br>E(C90) 29.1° 228<br>E(C0) 29.3° 227     |
| 2.5          | 2.78<br>2.81      | E(0°) 436<br>E(C90) 29.1° 146<br>E(C0) 29.3° 145     |
| 3.0          | 3.34<br>3.37      | E(0°) 303<br>E(C90) 29.1° 101<br>E(C0) 29.3° 101     |

— C0/C180 (Half-peak divergence: 58.6°)  
 — C90/C270 (Half-peak divergence: 58.2°)

### Classe d'efficacité énergétique

Ce produit contient une source lumineuse de classe d'efficacité énergétique E.

### Caractéristiques Techniques de l'éclairage

|  |                |
|--|----------------|
| Light Output Ratio (LOR)                   | 77 %           |
| Flux lumineux (source)                     | 2930 lm        |
| Flux lumineux du luminaire                 | 2267 lm        |
| Consumption                                | 18 W           |
| Efficacité lumineuse du luminaire          | 125 lm/W       |
| Température de couleur                     | 4000 K         |
| Standards de Concordance de Couleur        | 2 Step MacAdam |
| Indice de rendu chromatique                | 90 Ra          |
| Colour Rendering Index                     | 60 R9          |
| Black Body Locus                           | On             |
| Température standard de l'environnement de | -20 / +50°C    |
| Température typique sur le verre           | 40°C           |

### LED Life / Failure Ratio

L70 B10 C0 252000h (at Tj 65 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 20.7     |
| UGR transversal   | 20.7     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

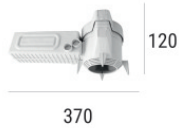
|                 |     |
|-----------------|-----|
| Optique C0/C180 | 58° |
| Symmetrical     |     |





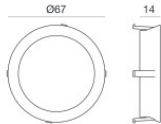
**Boîtier d'encastrement**  
position d'installation: plafond; type installation: maçonnerie L=200mm, H=113mm, D=137mm.  
Matériau:polypropylène, couleur:blanc.

**Code**  
89373



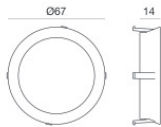
**Boîtier d'encastrement**  
position d'installation: plafond; type installation: maçonnerie L=370mm, H=120mm, D=200mm.  
Matériau:polypropylène, couleur:blanc.

**Code**  
89374



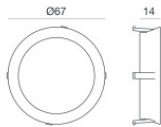
**Bague décorative blanche**

**Code**  
99901



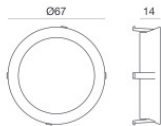
**Bague décorative de couleur or**

**Code**  
99902



**Bague décorative couleur cuivre**

**Code**  
99903



**Bague décorative en chrome**

**Code**  
99904