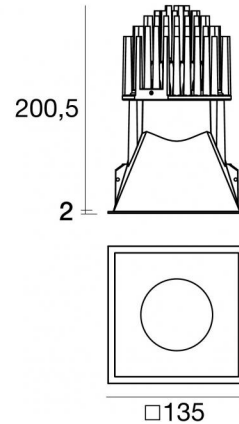




Downlights | 1 arrayLED 25 W DC 700 mA | CRI 90  
90803M30



126

| Données techniques                                       |                 |
|--|-----------------|
| Position d'installation                                  | Plafond         |
| Environnement d'installation                             | Intérieur       |
| Source lumineuse   | LED             |
| Circuit structure  | arrayLED        |
| Optique  | Medium Flood    |
| Light emission direction                                 | downward        |
| Puissance nominale                                       | 25 W DC         |
| Flux lumineux (source)                                   | 3967 lm         |
| Plage de tension d'entrée                                | 700mA           |
| Température de couleur / Tone                            | 2700 K          |
| Indice de rendu chromatique                              | 90 Ra           |
| C.C. / V.C.  | CC              |
| Classe d'isolation                                       | 3               |
| IP   | IP44            |
| IP bloc optique  | IP65            |
| 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  | 0.300 m         |
| Revêtement en résine                                     | Non             |
| Type d'émission lumineuse                                | Émission simple |
| Poids net  | 0.93 Kg         |
| Protection contre les décharges électrostatiques         | Non             |
| Protection contre les surtensions                        | Non             |
| Technologie optique                                      | Honey comb      |

### Finition corps

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

### Finition diffuseur

|          |                                |
|----------|--------------------------------|
| Matériau | Polycarbonate résistant aux UV |
| Couleur  | transparent                    |

### Finition radiateur

|             |   |
|-------------|---|
| Matériau    | Aluminium moulé sous pression EN AB - 46100 |
| Fabrication | Trovalisation                               |

### Électronique



99112  
On/Off Driver 198~264V AC (1 art.)



83066  
1-10V - Push and Simply Dim - DALI-2 Controller (1 art.)



C-E100031  
DALI - Push and Simply Dim Multi Power 198~264V AC / 180~275V DC (1 art.)

### Cables Electrification

|                       |                |
|-----------------------|----------------|
| Cable connector       | Male Easy plug |
| IP (locked condition) | 66             |

Downlights | 1 arrayLED 25 W DC 700 mA | CRI 90  
**90803M30**

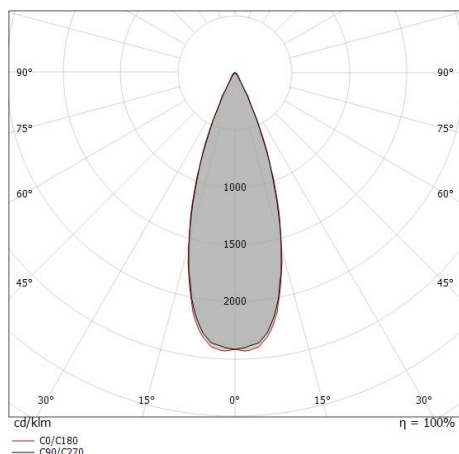
Single emission recessed downlights for indoor application. The super warm white LED light source with a medium flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 3967 lm, with a 158.7 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP44; the total weight is of 0.93 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 25 W. The power supply cable is included and features a 0.300 m length.

The device features protection class III and can be ceiling-mounted, with a 126 x 126 mm hole (in plasterboard).

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



| Distance [m] | Cone diameter [m] | Illuminance [lx]          |
|--------------|-------------------|---------------------------|
| 0.5          | 0.32              | E(0°) 10331<br>E(C0) 4524 |
| 1.0          | 0.64              | E(0°) 2583<br>E(C0) 1131  |
| 1.5          | 0.96              | E(0°) 1148<br>E(C0) 503   |
| 2.0          | 1.28              | E(0°) 646<br>E(C0) 283    |
| 2.5          | 1.61              | E(0°) 413<br>E(C0) 181    |
| 3.0          | 1.93              | E(0°) 287<br>E(C0) 126    |

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0/C180 (Half-peak divergence: 35.6°)  
 — C90/C270

### 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)            | 26 %           |
| Flux lumineux (source)              | 3967 lm        |
| Flux lumineux du luminaire          | 1069 lm        |
| Consumption                         | 25 W           |
| Efficacité lumineuse du luminaire   | 42 lm/W        |
| Température de couleur              | 2700 K         |
| Standards de Concordance de Couleur | 2 Step MacAdam |
| Indice de rendu chromatique         | 90 Ra          |

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 11.2

UGR transversal 11.2

X=4H | Y=8H S=0.25H

Reflection factor 70/50/20

### OPTICAL

Optique C0/C180 36°

Light distribution simmetry Symmetrical