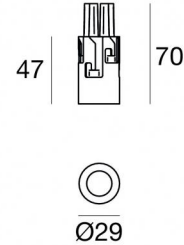


Downlights | 1 x powerLED 2 W DC 630 mA | CRI 90
80633M08



| Données techniques | |
|--|-----------------|
| Typologie | Semi-encastré |
| Position d'installation | Plafond |
| Environnement d'installation | Intérieur |
| Source lumineuse | LED |
| Circuit structure | powerLED |
| Optique | Narrow Spot |
| Light emission direction | downward |
| Puissance nominale | 2 W DC |
| Flux lumineux (source) | 213 lm |
| Plage de tension d'entrée | 630mA |
| 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 | 0.17 m |
| Revêtement en résine | Non |
| Type d'émission lumineuse | Émission simple |
| Poids net | 0.047 Kg |
| Protection contre les décharges électrostatiques | Non |
| Protection contre les surtensions | Non |
| Technologie optique | F.O.L. |
| Caractéristiques technologiques du produit | TVS |

Finition corps

| | |
|-------------|----------------------|
| Matériau | Aluminium 6026 |
| 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

| | |
|--|---|
| | 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 80633M08

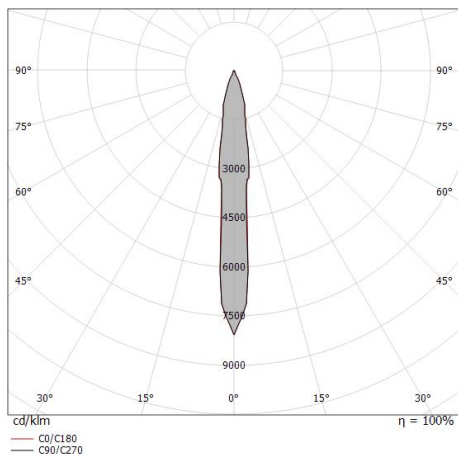
Single emission recessed downlights for indoor application. The super warm white LED light source with a narrow spot light distribution is composed of 1 powerLED LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 213 lm, with a 106.5 lm/W nominal luminous efficacy.

The device body is made of aluminium 6026 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 0.047 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 0.17 m length.

The device features protection class III and can be ceiling-mounted with an outer casing, code C-C100005(for concrete or masonry).

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



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|---|
| 0.5 | 0.09 0.10 | E(0°) 3473 E(C90) 5.4° 1729 E(C0) 5.5° 1743 |
| 1.0 | 0.19 0.19 | E(0°) 868 E(C90) 5.4° 432 E(C0) 5.5° 436 |
| 1.5 | 0.28 0.29 | E(0°) 386 E(C90) 5.4° 192 E(C0) 5.5° 194 |
| 2.0 | 0.38 0.38 | E(0°) 217 E(C90) 5.4° 108 E(C0) 5.5° 109 |
| 2.5 | 0.47 0.48 | E(0°) 139 E(C90) 5.4° 69 E(C0) 5.5° 70 |
| 3.0 | 0.57 0.58 | E(0°) 96 E(C90) 5.4° 48 E(C0) 5.5° 48 |

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 11.0°)
— C90/C270 (Half-peak divergence: 10.8°)

Classe d'efficacité énergétique

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

Caractéristiques Techniques de l'éclairage

| | |
|-------------------------------------|----------------|
| Light Output Ratio (LOR) | 50 % |
| Flux lumineux (source) | 213 lm |
| Flux lumineux du luminaire | 108 lm |
| Consumption | 2,0 W |
| Efficacité lumineuse du luminaire | 54 lm/W |
| Température de couleur | 2700 K |
| Standards de Concordance de Couleur | 5 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

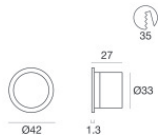
L70 B20 C0 214455h (at Tj 60 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 19.1 |
| UGR transversal | 18.8 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Optique C0/C180 | 11° |
| Light distribution simmetry | Symmetrical |



Boîtier d'encastrement - double caisse

position d'installation: plafond; type installation: placoplâtre L=42mm, H=28mm, D=42mm.

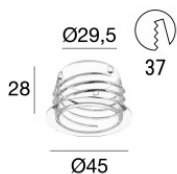
Matériau:Aluminium, couleur:Noir, fabrication :Vernissage.

Finish

Black

Code

98528



Boîtier d'encastrement - flush encastré

position d'installation: plafond; type installation: placoplâtre L=45mm, H=28mm, D=45mm.

Matériau:PC, couleur:transparent.

Finish

Transp.

Code

C-C100005