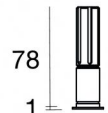




Downlights | 1 x powerLED 3 W DC 1000 mA | CRI 90
C01038BBMFL



20



| Données techniques | |
|--|-----------------|
| Position d'installation | Plafond |
| Environnement d'installation | Intérieur |
| Source lumineuse | LED |
| Circuit structure | powerLED |
| Optique | Flood |
| Light emission direction | downward |
| Puissance nominale | 3 W DC |
| Flux lumineux (source) | 358 lm |
| Plage de tension d'entrée | 1000mA |
| 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 | 0.170 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 6026 |
| Couleur | Aluminium Anodisé |
| Fabrication | Anodisation 20 µm |

Électronique



C-E100034
 Push and Simply Dim - DALI-2 Controller (4 - 12 art.)



C-E100033
 On/Off Driver 198~264V AC / 180~280V DC (4 - 12 art.)



C-E100046
 On/Off Driver 100~264V AC / 176~264V DC (1 - 6 art.)



C-E100047
 Push and Simply Dim - DALI-2 Controller (1 - 3 art.)

| Cables Electrification | |
|------------------------|----|
| Cable connector | No |

Downlights | 1 x powerLED 3 W DC 1000 mA | CRI 90
C01038BBMFL

Single emission recessed downlights for indoor application. The super warm white LED light source with a flood light distribution is composed of 1 powerLED LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 358 lm, with a 119.3 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 3 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 20 mm diameter hole (in plasterboard).

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

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) | 23 % |
| Flux lumineux (source) | 358 lm |
| Flux lumineux du luminaire | 84 lm |
| Consumption | 3 W |
| Efficacité lumineuse du luminaire | 28 lm/W |
| Température de couleur | 2700 K |
| Standards de Concordance de Couleur | 3 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

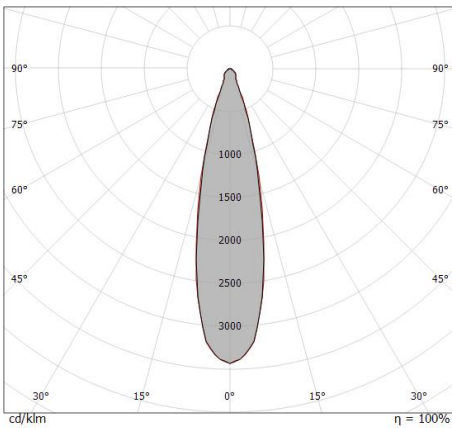
L70 B20 C0 214455h (at Tj 60 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 26.2 |
| UGR transversal | 26.2 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Optique C0/C180 | 25° |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|---------------------------------------|
| 0.5 | 0.22 0.23 | E(0°) 1142 E(C90) 532 E(C0) 531 |
| 1.0 | 0.44 0.45 | E(0°) 286 E(C90) 133 E(C0) 133 |
| 1.5 | 0.66 0.68 | E(0°) 127 E(C90) 59 E(C0) 59 |
| 2.0 | 0.88 0.90 | E(0°) 71 E(C90) 33 E(C0) 33 |
| 2.5 | 1.10 1.13 | E(0°) 46 E(C90) 21 E(C0) 21 |
| 3.0 | 1.32 1.35 | E(0°) 32 E(C90) 15 E(C0) 15 |

— C0/C180 (Half-peak divergence: 25.4°)
 — C90/C270 (Half-peak divergence: 24.8°)