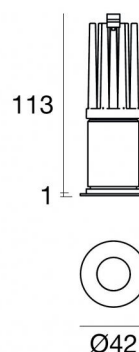




Downlights | 1 arrayLED 6.3 W DC 700 mA | CRI 90
C00048WHNFL



35

Données techniques

| | |
|--|-----------------|
| Année de réalisation | 2023 |
| Position d'installation | Plafond |
| Environnement d'installation | Intérieur |
| Source lumineuse | LED |
| Circuit structure | arrayLED |
| Optique | Flood |
| Light emission direction | downward |
| Puissance nominale | 6.3 W DC |
| Flux lumineux (source) | 805 lm |
| Plage de tension d'entrée | 700mA |
| Température de couleur / Tone | 4000 K |
| Indice de rendu chromatique | 90 Ra |
| C.C. / V.C. | CC |
| Classe d'isolation | 3 |
| IP | IP44 |
| 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 | 0.1 m |
| Revêtement en résine | Non |
| Type d'émission lumineuse | Émission simple |
| Poids net | 0.11 Kg |
| Protection contre les décharges électrostatiques | Non |
| Protection contre les surtensions | Non |

Finition corps

| | |
|-------------|----------------------|
| Matériau | Aluminium 6026 |
| Couleur | Blanc |
| Fabrication | Revêtement en poudre |

Finition diffuseur

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

Finition radiateur

| | |
|-------------|-------------------------------|
| Matériau | Aluminium moulé sous pression |
| Couleur | Aluminium |
| Fabrication | Trovalisation |

Électronique



99147
On/Off Driver 198-264V AC (3 - 3 art.)



99735
Multi Power 198-264V AC / 180-275V DC (1 art.)



99733
1-10V Multi Power 198-264V AC / 180-275V DC (1 art.)



83323
Push and Simply Dim - DALI-2 Controller (1 art.)



C-E100016
Push and Simply Dim - DALI-2 Controller (2 - 4 art.)



Downlights | 1 arrayLED 6.3 W DC 700 mA | CRI 90
C00048WHNFL

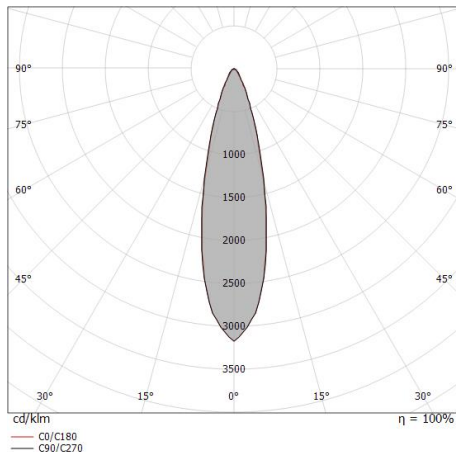
Single emission recessed downlights for indoor application. The natural white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 805 lm, with a 127.8 lm/W nominal luminous efficacy.

The device body is made of aluminium 6026 and features a white 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 0.11 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 6.3 W. The power supply cable is included and features a 0.1 m length.

The device features protection class III and can be ceiling-mounted, with a 35 mm diameter hole (in plasterboard).

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



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|---|
| 0.5 | 0.24 0.23 | E(0°) 5428 E(C90) 2525 E(C0) 2515 |
| 1.0 | 0.47 0.47 | E(0°) 1357 E(C90) 631 E(C0) 629 |
| 1.5 | 0.71 0.70 | E(0°) 603 E(C90) 281 E(C0) 279 |
| 2.0 | 0.95 0.94 | E(0°) 339 E(C90) 158 E(C0) 157 |
| 2.5 | 1.18 1.17 | E(0°) 217 E(C90) 101 E(C0) 101 |
| 3.0 | 1.42 1.41 | E(0°) 151 E(C90) 70 E(C0) 70 |

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

— C0/C180 (Half-peak divergence: 26.4°)
 — C90/C270 (Half-peak divergence: 26.6°)

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) | 53 % |
| Flux lumineux (source) | 805 lm |
| Flux lumineux du luminaire | 429 lm |
| Consumption | 6.5 W |
| Efficacité lumineuse du luminaire | 66 lm/W |
| Température de couleur | 4000 K |
| Standards de Concordance de Couleur | 3 Step MacAdam |
| Indice de rendu chromatique | 90 Ra |

Température standard de l'environnement de -20 / +50°C

LED Life / Failure Ratio

L70 B10 C0 134020h (at Tj 65 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 22.8 |
| UGR transversal | 22.7 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Optique C0/C180 | 26° |
| Light distribution simmetry | Symmetrical |