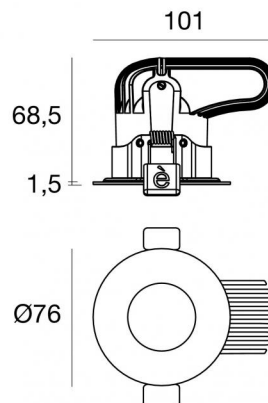


Downlights | 1 arrayLED 12.5 W DC 350 mA | CRI 90
80800W30



Données techniques

| | |
|--|-----------------|
| Position d'installation | Plafond |
| Environnement d'installation | Intérieur |
| Source lumineuse | LED |
| Circuit structure | arrayLED |
| Optique | Flood |
| Light emission direction | downward |
| Puissance nominale | 12.5 W DC |
| Flux lumineux (source) | 1705 lm |
| Plage de tension d'entrée | 350mA |
| Température de couleur / Tone | 3000 K |
| Indice de rendu chromatique | 90 Ra |
| C.C. / V.C. | CC |
| Classe d'isolation | 3 |
| IP | IP44 |
| IP bloc optique | IP65 |
| IK | IK08 |
| 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 | 0.26 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 |

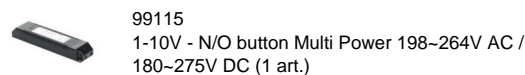
Finition diffuseur

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

Finition radiateur

| | |
|-------------|---|
| Matériau | Aluminium moulé sous pression EN AB - 46100 |
| Couleur | Aluminium |
| Fabrication | Brillantage |

Électronique



Cables Electrification

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



Downlights | 1 arrayLED 12.5 W DC 350 mA | CRI 90 80800W30

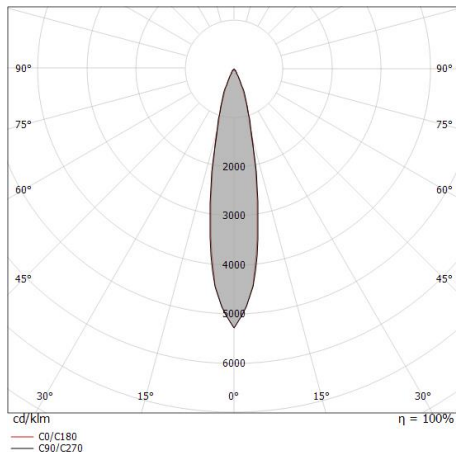
Single emission recessed downlights for indoor application. The warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1705 lm, with a 136.4 lm/W nominal luminous efficacy.

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 0.26 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 12.5 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 68 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 | 0.18 0.18 | E(0°) 16904 E(C90) 8079 E(C0) 8157 |
| 1.0 | 0.37 0.36 | E(0°) 4226 E(C90) 2020 E(C0) 2039 |
| 1.5 | 0.55 0.53 | E(0°) 1878 E(C90) 998 E(C0) 966 |
| 2.0 | 0.73 0.71 | E(0°) 1057 E(C90) 505 E(C0) 510 |
| 2.5 | 0.92 0.89 | E(0°) 676 E(C90) 323 E(C0) 326 |
| 3.0 | 1.10 1.07 | E(0°) 470 E(C90) 224 E(C0) 227 |

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

— C0/C180 (Half-peak divergence: 20.2°)
— C90/C270 (Half-peak divergence: 20.8°)

Classe d'efficacité énergétique

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

Caractéristiques Techniques de l'éclairage

| | |
|-------------------------------------|----------------|
| Light Output Ratio (LOR) | 46 % |
| Flux lumineux (source) | 1705 lm |
| Flux lumineux du luminaire | 801 lm |
| Consumption | 13 W |
| Efficacité lumineuse du luminaire | 61 lm/W |
| Température de couleur | 3000 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 296960h (at Tj 65 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 11.3 |
| UGR transversal | 11 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Optique C0/C180 | 20° |
| Light distribution simmetry | Symmetrical |