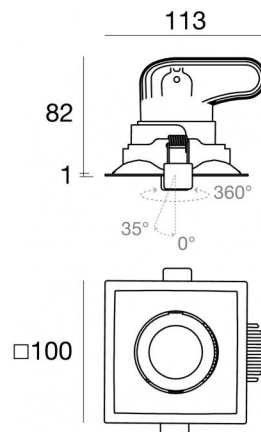


Downlights | 1 arrayLED 12.5 W DC 350 mA | CRI 90  
80896N15



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#### Données techniques

Position d'installation	Plafond
Environnement d'installation	Intérieur
Source lumineuse	LED
Circuit structure	arrayLED
Optique	Spot
Light emission direction	downward
Puissance nominale	12.5 W DC
Flux lumineux (source)	1736 lm
Plage de tension d'entrée	350mA
Température de couleur / Tone	4000 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	Oui
angle total (plan horizontal)	350 °
angle total (plan vertical)	35 °
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	0.350 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

	99115 1-10V - N/O button Multi Power 198-264V AC / 180-275V DC (1 art.)
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	99375 On/Off Driver 198-264V AC (1 art.)
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	83322 Push and Simply Dim - DALI-2 Controller (1 art.)
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#### 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 80896N15

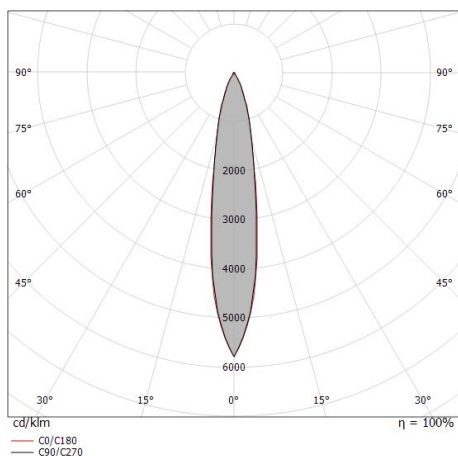
Single emission recessed downlights for indoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 1736 lm, with a 138.9 lm/W nominal luminous efficacy.

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 0.350 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 91 x 91 mm hole (in plasterboard).

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.16 0.16	E(0°) 12821 E(C90) 8.9° 6259 E(C0) 9.1° 6251
1.0	0.31 0.32	E(0°) 3205 E(C90) 8.9° 1565 E(C0) 9.1° 1563
1.5	0.47 0.48	E(0°) 1425 E(C90) 8.9° 695 E(C0) 9.1° 695
2.0	0.63 0.64	E(0°) 801 E(C90) 8.9° 391 E(C0) 9.1° 391
2.5	0.78 0.80	E(0°) 513 E(C90) 8.9° 250 E(C0) 9.1° 250
3.0	0.94 0.96	E(0°) 356 E(C90) 8.9° 174 E(C0) 9.1° 174

— C0/C180 (Half-peak divergence: 18.2°)  
— C90/C270 (Half-peak divergence: 17.8°)

### 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)	31 %
Flux lumineux (source)	1736 lm
Flux lumineux du luminaire	554 lm
Consumption	8 W
Efficacité lumineuse du luminaire	69 lm/W
Température de couleur	4000 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 transversal 10.8

UGR axial 10.6

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

Reflection factor 70/50/20

### OPTICAL

Optique C0/C180 18°

Light distribution simmetry Symmetrical

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

**80896N15**

Single emission recessed downlights for indoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 1736 lm, with a 138.9 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 0.350 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 91 x 91 mm 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 E.

### Caractéristiques Techniques de l'éclairage

Light Output Ratio (LOR)	47 %
Flux lumineux (source)	1736 lm
Flux lumineux du luminaire	830 lm
Consumption	13 W
Efficacité lumineuse du luminaire	63 lm/W
Température de couleur	4000 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

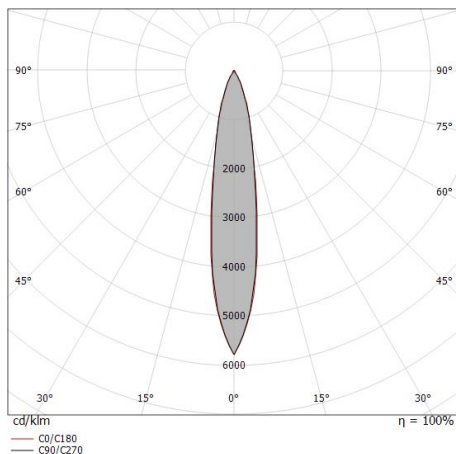
L70 B10 C0 296960h (at Tj 65 Ta 25 )

### UGR

UGR transversal	12.2
UGR axial	12
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

Optique C0/C180	18°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.16 0.16	E(0°) 19222 E(C90) 8.9° 9384 E(C0) 9.1° 9372
1.0	0.31 0.32	E(0°) 4805 E(C90) 8.9° 2346 E(C0) 9.1° 2343
1.5	0.47 0.48	E(0°) 2136 E(C90) 8.9° 1043 E(C0) 9.1° 1041
2.0	0.63 0.64	E(0°) 1201 E(C90) 8.9° 586 E(C0) 9.1° 586
2.5	0.78 0.80	E(0°) 769 E(C90) 8.9° 375 E(C0) 9.1° 375
3.0	0.94 0.96	E(0°) 534 E(C90) 8.9° 261 E(C0) 9.1° 260

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

— C0/C180 (Half-peak divergence: 18.2°)  
— C90/C270 (Half-peak divergence: 17.8°)