

Downlights | 1 arrayLED 25 W DC 700 mA | CRI 90
80704N60



Données techniques	
Position d'installation	Plafond
Environnement d'installation	Intérieur
Source lumineuse	LED
Circuit structure	arrayLED
Optique	Wide Flood
Light emission direction	downward
Puissance nominale	25 W DC
Flux lumineux (source)	4192 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
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	0.68 Kg
Protection contre les décharges électrostatiques	Non
Protection contre les surtensions	Non

Finition corps

Matériau	Aluminium moulé sous pression EN AB - 46100
Couleur	Gris
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



99112
On/Off Driver 198-264V AC (1 art.)



83066
1-10V - Push and Simply Dim - DALI-2 Controller (1 art.)



C-E100031
DALI - Push and Simply Dim Multi Power 198-264V AC / 180-275V DC (1 art.)

Cables Electrification

Cable connector	Female Easy plug
IP (locked condition)	66
Cable connector	Male Easy plug

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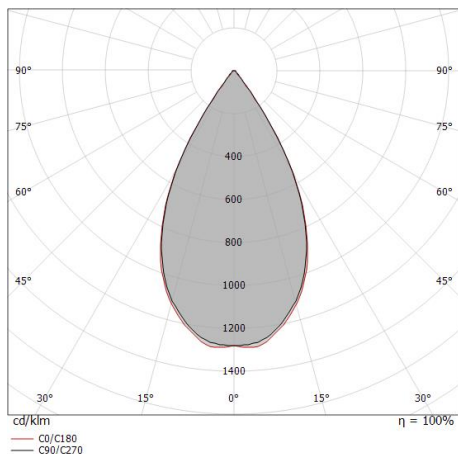
Single emission recessed downlights for indoor application. The natural white LED light source with a wide flood light distribution is composed of 1 arrayLEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 4192 lm, with a 167.7 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a grey 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 0.68 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 25 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 95 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	0.53 0.54	E(0°) 11661 E(C90) 28.1° 4013 E(C0) 28.2° 4030
1.0	1.07 1.07	E(0°) 2915 E(C90) 28.1° 1003 E(C0) 28.2° 1008
1.5	1.60 1.61	E(0°) 1296 E(C90) 28.1° 446 E(C0) 28.2° 448
2.0	2.14 2.14	E(0°) 729 E(C90) 28.1° 251 E(C0) 28.2° 252
2.5	2.67 2.68	E(0°) 466 E(C90) 28.1° 161 E(C0) 28.2° 161
3.0	3.20 3.22	E(0°) 324 E(C90) 28.1° 111 E(C0) 28.2° 112

— C0/C180 (Half-peak divergence: 56.4°)
— C90/C270 (Half-peak divergence: 56.2°)

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)	54 %
Flux lumineux (source)	4192 lm
Flux lumineux du luminaire	2278 lm
Consumption	18 W
Efficacité lumineuse du luminaire	126 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 252000h (at Tj 65 Ta 25)

UGR

UGR transversal	19.3
UGR axial	19.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optique C0/C180	56°
Light distribution simmetry	Symmetrical

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The total absorbed power is 25 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 95 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 E.

Caractéristiques Techniques de l'éclairage

Light Output Ratio (LOR)	72 %
Flux lumineux (source)	4192 lm
Flux lumineux du luminaire	3049 lm
Consumption	25 W
Efficacité lumineuse du luminaire	121 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

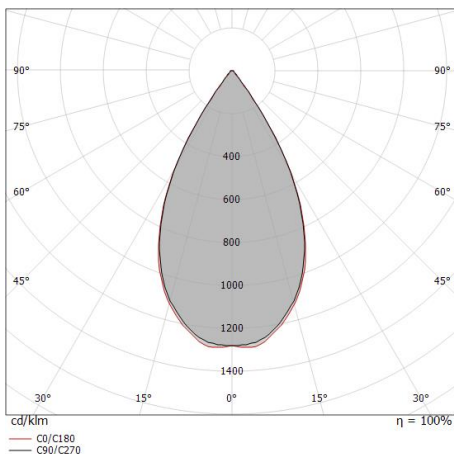
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR transversal	20.3
UGR axial	20.4
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optique C0/C180	56°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.53 0.54	E(0°) 15610 E(C90) 28.1° 5372 E(C0) 28.2° 5395
1.0	1.07 1.07	E(0°) 3903 E(C90) 28.1° 1343 E(C0) 28.2° 1349
1.5	1.60 1.61	E(0°) 1734 E(C90) 28.1° 597 E(C0) 28.2° 599
2.0	2.14 2.14	E(0°) 976 E(C90) 28.1° 336 E(C0) 28.2° 337
2.5	2.67 2.68	E(0°) 624 E(C90) 28.1° 215 E(C0) 28.2° 216
3.0	3.20 3.22	E(0°) 434 E(C90) 28.1° 149 E(C0) 28.2° 150

— C0/C180 (Half-peak divergence: 56.4°)
— C90/C270 (Half-peak divergence: 56.2°)