



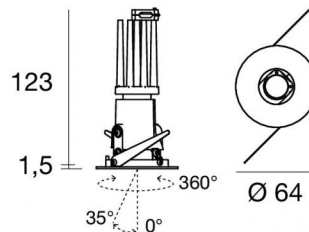
Downlights | 1 + 1 arrayLED 12 W DC 700 mA

CRI 90

C00934BBNFL



56



Données techniques

Position d'installation	Plafond
Environnement d'installation	Intérieur
Source lumineuse	LED
Circuit structure	arrayLED
Optique	Flood + Flood
Light emission direction	downward + downward
Puissance nominale	12 W DC
Flux lumineux (source)	1610 lm
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
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)	360 °
angle total (plan vertical)	35 °
Piétinable	Non
Carrossable	Non
Câble inclus	Oui
Longueur du câble	0.17 m
Revêtement en résine	Non
Type d'émission lumineuse	Émission simple
Poids net	0.128 Kg
Protection contre les décharges électrostatiques	Non
Protection contre les surtensions	Non

Finition corps

Matériau	Aluminium moulé sous pression EN AB - 46100
Couleur	noir
Fabrication	Revêtement en poudre

Finition bride

Matériau	Aluminium moulé sous pression EN AB - 46100
Couleur	Noir
Fabrication	Revêtement en poudre

Finition radiateur

Matériau	Aluminium moulé sous pression EN AB - 46100
Fabrication	Trovalisation

Électronique



99147
On/Off Driver 198-264V AC (1 - 2 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.)



C-E100012
Push and Simply Dim - DALI-2 Controller (1 art.)



C-E100016
Push and Simply Dim - DALI-2 Controller (1 - 2 art.)

Cables Electrification

Cable connector	No
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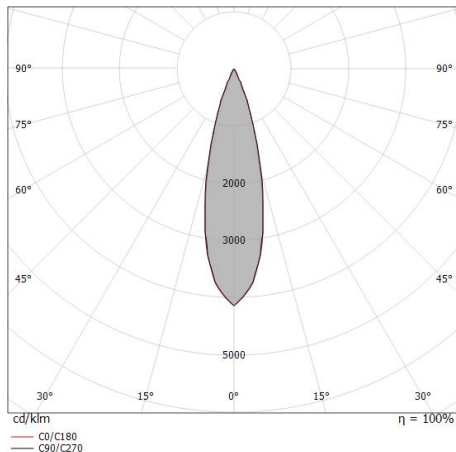
Single emission recessed downlights for indoor application. The natural white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 805 lm, with a 134.2 lm/W nominal luminous efficacy. The natural white LED light source 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 134.2 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 ingress protection degree is IP44; the total weight is of 0.128 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 12 W. The power supply cable is included and features a 0.17 m length.

The device features protection class III and can be ceiling-mounted, with a 56 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 0.24	E(0°) 5614 E(C90) 13.6° 2604 E(C0) 13.5° 2607
1.0	0.48 0.48	E(0°) 1403 E(C90) 13.6° 651 E(C0) 13.5° 652
1.5	0.72 0.72	E(0°) 624 E(C90) 13.6° 289 E(C0) 13.5° 290
2.0	0.97 0.96	E(0°) 351 E(C90) 13.6° 163 E(C0) 13.5° 163
2.5	1.21 1.20	E(0°) 225 E(C90) 13.6° 104 E(C0) 13.5° 104
3.0	1.45 1.44	E(0°) 156 E(C90) 13.6° 72 E(C0) 13.5° 72

Distance [m] Cone diameter [m] illuminance [lx]
 — C0/C180 (Half-peak divergence: 27,0°)
 — C90/C270 (Half-peak divergence: 27,2°)

Classe d'efficacité énergétique

Ce produit contient 2 sources lumineuses de classe d'efficacité énergétique F.

Caractéristiques Techniques de l'éclairage

Light Output Ratio (LOR)	21 %
Flux lumineux (source)	1610 lm
Flux lumineux du luminaire	339 lm
Consumption	6 W
Efficacité lumineuse du luminaire	56 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

Température typique sur le verre 40°C

LED Life / Failure Ratio

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

UGR

UGR axial	10.4
UGR transversal	8.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optique C0/C180	27°
Light distribution simmetry	Symmetrical