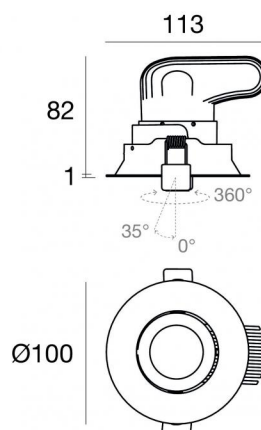




Downlights | 1 arrayLED 12.5 W DC 350 mA | CRI 90
93450N60



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Données techniques	
Position d'installation	Plafond
Environnement d'installation	Intérieur
Source lumineuse	LED
Circuit structure	arrayLED
Optique	Medium Wide Flood
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	0.340 Kg
Protection contre les décharges électrostatiques	Non
Protection contre les surtensions	Non

Finition corps

Matériau	Aluminium moulé sous pression EN AB - 46100
Couleur	Blanc
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.)



99375
On/Off Driver 198-264V AC (1 art.)



83322
Push and Simply Dim - DALI-2 Controller (1 art.)

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 93450N60

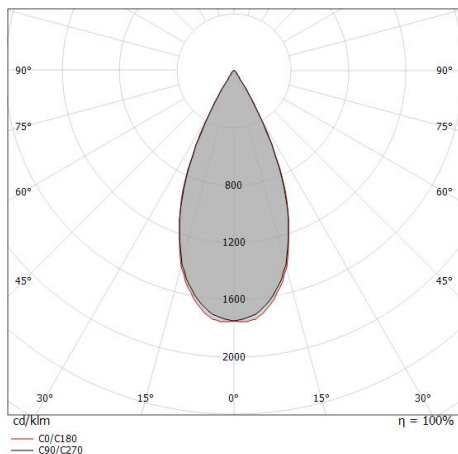
Single emission recessed downlights for indoor application. The natural white LED light source with a medium wide flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 1736 lm, with a 138.9 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a 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 0.340 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 92 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	0.43 0.43	E(0°) 6487 E(C90) 23.3° 2519 E(C0) 23.4° 2522
1.0	0.86 0.87	E(0°) 1622 E(C90) 23.3° 630 E(C0) 23.4° 630
1.5	1.29 1.30	E(0°) 721 E(C90) 23.3° 286 E(C0) 23.4° 280
2.0	1.72 1.73	E(0°) 405 E(C90) 23.3° 157 E(C0) 23.4° 158
2.5	2.15 2.16	E(0°) 259 E(C90) 23.3° 101 E(C0) 23.4° 101
3.0	2.58 2.60	E(0°) 180 E(C90) 23.3° 70 E(C0) 23.4° 70

— C0/C180 (Half-peak divergence: 46.8°)
- - C90/C270 (Half-peak divergence: 46.6°)

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)	53 %
Flux lumineux (source)	1736 lm
Flux lumineux du luminaire	928 lm
Consumption	8 W
Efficacité lumineuse du luminaire	116 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	16.1
UGR axial	16.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optique C0/C180	47°
Light distribution simmetry	Symmetrical

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

93450N60

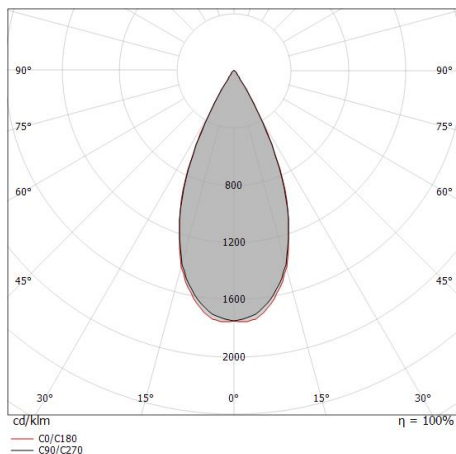
Single emission recessed downlights for indoor application. The natural white LED light source with a medium wide flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 1736 lm, with a 138.9 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a 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 0.340 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 92 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	0.43 0.43	E(0°) 9726 E(C90) 23.3° 3776 E(C0) 23.4° 3781
1.0	0.86 0.87	E(0°) 2431 E(C90) 23.3° 944 E(C0) 23.4° 945
1.5	1.29 1.30	E(0°) 1081 E(C90) 23.3° 420 E(C0) 23.4° 420
2.0	1.72 1.73	E(0°) 608 E(C90) 23.3° 236 E(C0) 23.4° 236
2.5	2.15 2.16	E(0°) 389 E(C90) 23.3° 151 E(C0) 23.4° 151
3.0	2.58 2.60	E(0°) 270 E(C90) 23.3° 105 E(C0) 23.4° 105

— C0/C180 (Half-peak divergence: 46.8°)
- - C90/C270 (Half-peak divergence: 46.6°)

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)	80 %
Flux lumineux (source)	1736 lm
Flux lumineux du luminaire	1390 lm
Consumption	13 W
Efficacité lumineuse du luminaire	106 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	17.5
UGR axial	17.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optique C0/C180	47°
Light distribution simmetry	Symmetrical