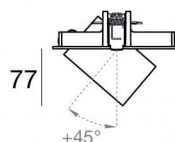
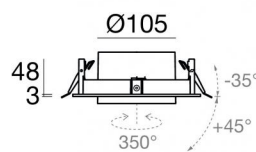
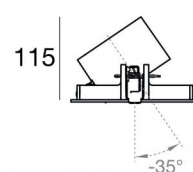
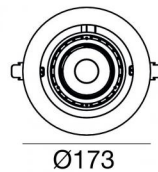




Downlights | 1 arrayLED 35 W DC 950 mA | CRI 90
81668W15



Données techniques

Position d'installation	Plafond
Environnement d'installation	Intérieur
Source lumineuse	LED
Circuit structure	arrayLED
Optique	Spot
Light emission direction	frontal
Puissance nominale	35 W DC
Flux lumineux (source)	5019 lm
Plage de tension d'entrée	950mA
Température de couleur / Tone	3000 K
Indice de rendu chromatique	90 Ra
C.C. / V.C.	CC
Classe d'isolation	3
IP	IP20
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	Estraibile
angle total (plan vertical)	65 °
angle total (plan horizontal)	350 °
Basculement	Non
Piétinable	Non
Carrossable	Non
Câble inclus	Oui
Longueur du câble	0.20 m
Revêtement en résine	Non
Type d'émission lumineuse	Émission simple
Poids net	1.1 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 montage

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

Électronique



99239
On/Off Driver 198-264V AC



99345
DALI - Push and Simply Dim Multi Power 198-264V AC / 176-275V DC



83008
1-10V - Push and Simply Dim - DALI-2 Controller

Cables Electrification

Cable connector	No
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Downlights | 1 arrayLED 35 W DC 950 mA | CRI 90
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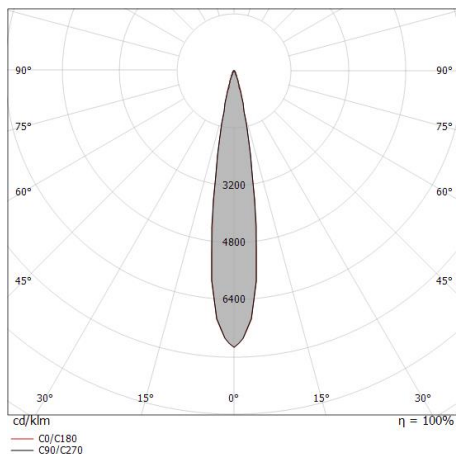
Single emission recessed downlights for indoor application. The warm white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 5019 lm, with a 143.4 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating; the mounting frame is made of die-cast aluminium en ab - 46100, with a black finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 1.1 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 35 W. The power supply cable is included and features a 0.20 m length.

The device features protection class III and can be ceiling-mounted, with a 162 mm diameter hole (in plasterboard) with an outer casing, code 99479(for concrete or masonry).

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.15 0.15	E(0°) 124290 E(C90) 8.7° 60538 E(C0) 8.6° 60758
1.0	0.31 0.30	E(0°) 31073 E(C90) 8.7° 15134 E(C0) 8.6° 15189
1.5	0.46 0.45	E(0°) 13810 E(C90) 8.7° 6726 E(C0) 8.6° 6751
2.0	0.61 0.60	E(0°) 7768 E(C90) 8.7° 3784 E(C0) 8.6° 3797
2.5	0.77 0.76	E(0°) 4972 E(C90) 8.7° 2422 E(C0) 8.6° 2430
3.0	0.92 0.91	E(0°) 3453 E(C90) 8.7° 1682 E(C0) 8.6° 1688

— C0/C180 (Half-peak divergence: 17.2°)
 — C90/C270 (Half-peak divergence: 17.4°)

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)	5019 lm
Flux lumineux du luminaire	4016 lm
Consumption	35 W
Efficacité lumineuse du luminaire	114 lm/W
Température de couleur	3000 K
Standards de Concordance de Couleur	2 Step MacAdam
Indice de rendu chromatique	90 Ra
Colour Rendering Index	60 R9
Black Body Locus	On
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 axial	23.6
UGR transversal	23.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optique C0/C180	17°
Optique C90/C270	Symmetrical



Downlights | 1 arrayLED 35 W DC 950 mA | CRI 90

81668W15

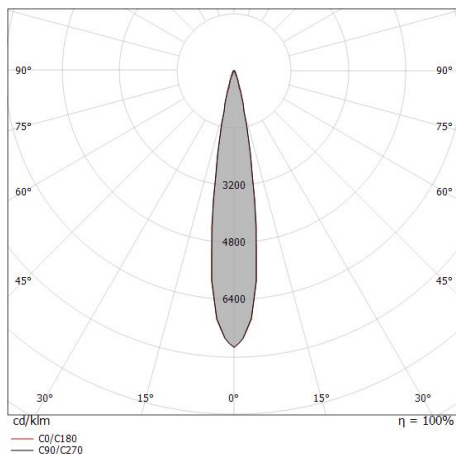
Single emission recessed downlights for indoor application. The warm white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 5019 lm, with a 143.4 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating; the mounting frame is made of die-cast aluminium en ab - 46100, with a black finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 1.1 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 35 W. The power supply cable is included and features a 0.20 m length.

The device features protection class III and can be ceiling-mounted, with a 162 mm diameter hole (in plasterboard) with an outer casing, code 99479(for concrete or masonry).

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.15 0.15	E(0°) 96076 E(C90) 8.7° 46796 E(C0) 8.6° 46966
1.0	0.31 0.30	E(0°) 24019 E(C90) 8.7° 11699 E(C0) 8.6° 11741
1.5	0.46 0.45	E(0°) 10675 E(C90) 8.7° 5200 E(C0) 8.6° 5218
2.0	0.61 0.60	E(0°) 6005 E(C90) 8.7° 2925 E(C0) 8.6° 2935
2.5	0.77 0.76	E(0°) 3843 E(C90) 8.7° 1872 E(C0) 8.6° 1879
3.0	0.92 0.91	E(0°) 2669 E(C90) 8.7° 1300 E(C0) 8.6° 1305

— C0/C180 (Half-peak divergence: 17.2°)
— C90/C270 (Half-peak divergence: 17.4°)

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)	61 %
Flux lumineux (source)	5019 lm
Flux lumineux du luminaire	3104 lm
Consumption	25 W
Efficacité lumineuse du luminaire	124 lm/W
Température de couleur	3000 K
Standards de Concordance de Couleur	2 Step MacAdam
Indice de rendu chromatique	90 Ra
Colour Rendering Index	60 R9
Black Body Locus	On
Température standard de l'environnement de	-20 / +50°C
Température typique sur le verre	40°C

LED Life / Failure Ratio

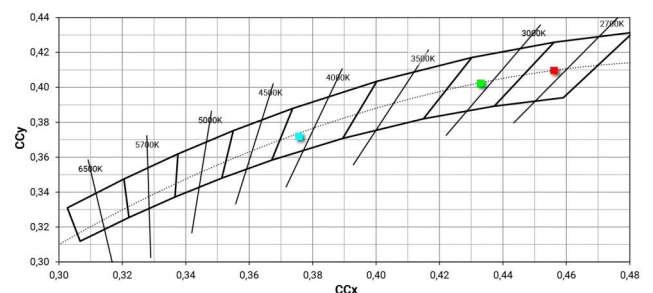
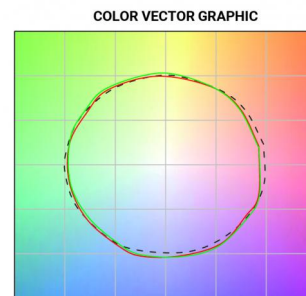
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	22.7
UGR transversal	22.8
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

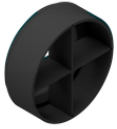
OPTICAL

Optique C0/C180	17°
Optique C90/C270	Symmetrical





	<p>Optique - SPOT Distribution de la lumière: spot,Matériau revêtement: polycarbonate résistant aux uv</p>	<p>Code <u>C-U300015</u></p>
	<p>Optique - FLOOD Distribution de la lumière: flood,Matériau revêtement: ,polycarbonate résistant aux uv,polycarbonate résistant aux uv,polycarbonate résistant aux uv</p>	<p>Code <u>C-U300016</u></p>
	<p>Optique - WIDE FLOOD Distribution de la lumière: medium flood,Matériau revêtement: ,polycarbonate résistant aux uv,polycarbonate résistant aux uv,polycarbonate résistant aux uv</p>	<p>Code <u>C-U300017</u></p>
	<p>anti-éblouissement Type anti-éblouissement: grille en nid d'abeille. Matériau:Pom-C, couleur:Noir.</p>	<p>Code <u>C-U300014</u></p>
	<p>Optique Distribution de la lumière: ajustable,Matériau revêtement: ,aluminium</p>	<p>Code <u>C-U300034</u></p>
	<p>Diffuseur - Il n'est pas compatible avec les optiques 60</p>	<p>Code <u>C-U300013</u></p>
	<p>anti-éblouissement Type anti-éblouissement: schermo cilindrico 45°. Matériau:Pom-C, couleur:Noir.</p>	<p>Code <u>C-U300030</u></p>
	<p>anti-éblouissement Type anti-éblouissement: schermo cilindrico. Matériau:Pom-C, couleur:Noir.</p>	<p>Code <u>C-U300029</u></p>



anti-éblouissement

Type anti-éblouissement: frangiluce a croce.

Matériau:Pom-C, couleur:Noir.

Code

C-U300031



Boîtier d'encastrement

L=154mm, H=99.6mm, D=150mm.

Matériau:PC, couleur:noir.

Finish

Black

Code

99479