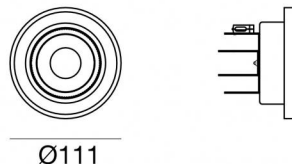


Illuminator V2



Downlights | 1 arrayLED 23 W DC 630 mA | CRI 90
C00400BBNWF



Technical data	
Type	Encasement without flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Wide Flood
Light emission direction	frontal
Nominal power	23 W DC
Source lumens	3517 lm
Input voltage range	630mA
CCT / Tone	4000 K
Colour rendering index	90 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP20
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	DALI - 1-10V
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	0.4 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.25 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing

Material	Aluminium
Colour	Black
Processing	Powder coating


Finishing diffuser

Material	PMMA
Colour	transparent


Finishing radiator

Material	Aluminium
Colour	Aluminium

Electronics

 99115
 1-10V - N/O button Multi Power 198~264V AC / 180~275V DC (1 art.)

 99105
 On/Off Driver 198~264V AC (1 art.)

 C-E100001
 Push and Simply Dim - DALI-2 Multi Power 198~264V AC / 180~275V DC (1 art.)

Illuminator V2



Downlights | 1 arrayLED 23 W DC 630 mA | CRI 90 | Base C00400BBNWF

Single emission recessed downlights for indoor application. The natural white LED light source is composed of 1 arrayLEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 3517 lm, with a 152.9 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a black finish, processed by means of powder coating; the diffuser is made of pmma. The ingress protection degree is IP20; the total weight is of 0.25 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 23 W. The power supply cable is included and features a 0.4 m length.

The device features protection class III and can be ceiling-mounted.

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

Energy efficiency class

This product contains a light source of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	83 %
Source lumens	3517 lm
Delivered lumens	2942 lm
Consumption	22 W
Luminaire efficacy	133 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	90 Ra
Colour Rendering Index	60 R9
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

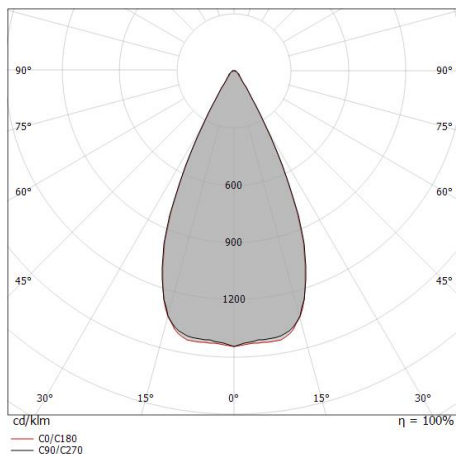
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	23.9
UGR transversal	24
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

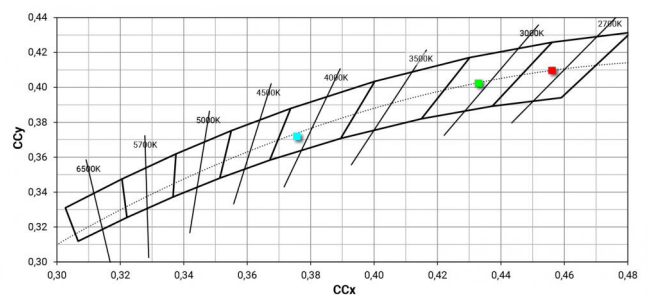
OPTICAL

C0/C180 optics	50°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.47 0.46	E(0°) 16977 E(C90) 25.2° 6311 E(C0) 24.9° 6366
1.0	0.94 0.93	E(0°) 4244 E(C90) 25.2° 1578 E(C0) 24.9° 1592
1.5	1.41 1.39	E(0°) 1886 E(C90) 25.2° 701 E(C0) 24.9° 707
2.0	1.88 1.86	E(0°) 1061 E(C90) 25.2° 394 E(C0) 24.9° 398
2.5	2.35 2.32	E(0°) 679 E(C90) 25.2° 252 E(C0) 24.9° 255
3.0	2.82 2.79	E(0°) 472 E(C90) 25.2° 175 E(C0) 24.9° 177

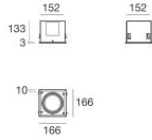
— C0/C180 (Half-peak divergence: 49.8°)
— C90/C270 (Half-peak divergence: 50.4°)



Illuminator V2



Illuminator V2 | Downlights | Accessories
C00400BBNWF



Outer casing

installation position: ceiling; type of installation: drywall L=166mm, H=136mm, D=166mm.

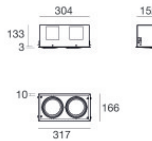
Material:Aluminium, colour:White, processing:Coating.

Finish

White

Code

99497



Outer casing

installation position: ceiling; type of installation: drywall L=317mm, H=136mm, D=166mm.

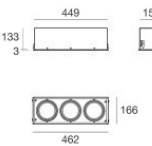
Material:Aluminium, colour:White, processing:Coating.

Finish

White

Code

99498



Outer casing

installation position: ceiling; type of installation: drywall L=462mm, H=136mm, D=166mm.

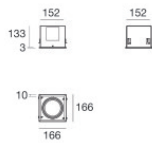
Material:Aluminium, colour:White, processing:Coating.

Finish

White

Code

99499



Outer casing

installation position: ceiling; type of installation: drywall L=166mm, H=136mm, D=166mm.

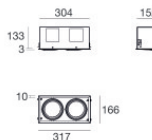
Material:Aluminium, colour:Black, processing:Coating.

Finish

Black

Code

99500



Outer casing

installation position: ceiling; type of installation: drywall L=317mm, H=136mm, D=166mm.

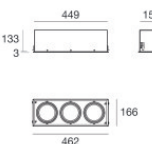
Material:Aluminium, colour:Black, processing:Coating.

Finish

Black

Code

99501



Outer casing

installation position: ceiling; type of installation: drywall L=462mm, H=136mm, D=166mm.

Material:Aluminium, colour:Black, processing:Coating.

Finish

Black

Code

99502



Anti-glare

Anti-glare Type: cylindrical screen.

Material:Pom-C, colour:Black.

Code

C-U300029



Anti-glare

Anti-glare Type: 45° cylindrical screen.

Material:Pom-C, colour:Black.

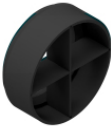





Code

C-U300030

Illuminator V2



Illuminator V2 | Downlights | Accessories
C00400BBNWF

	Anti-glare Anti-glare Type: cross louvres. Material:Pom-C, colour:Black.	Code <u>C-U300031</u>
	Diffuser Diffuser Type: elliptical filter	Code <u>C-U300007</u>
	Anti-glare Anti-glare Type: honeycomb louvre. Material:Pom-C, colour:Black.	Code <u>C-U300008</u>
	Optics - SPOT Light distribution: spot,Cover material: uv resistant polycarbonate	Code <u>C-U300009</u>
	Optics - MEDIUM FLOOD Light distribution: medium flood,Cover material: uv resistant polycarbonate	Code <u>C-U300010</u>
	Optics - WIDE FLOOD Light distribution: wide flood,Cover material: uv resistant polycarbonate	Code <u>C-U300011</u>