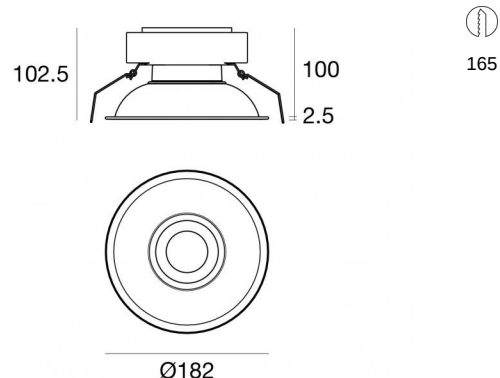


Downlights | 1 arrayLED 18 W DC 500 mA | CRI 90
C00407WHNWF

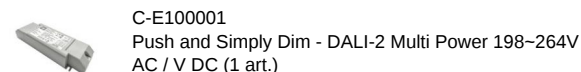
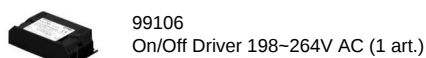


Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Wide Flood
Light emission direction	downward
Lampe Nennleistung	18 W DC
Lichtstrom (Lichtquelle)	2982 lm
Eingangsspannungsbereich	500mA
Ähnlichste Farbtemperatur / Tone	4000 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP44
IK	IK08
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
Leuchte dimmbar	Nein
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.3 m
Harzbeschichtung	Nein
Einbautiefe	100 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.22 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein

Oberfläche Oberfläche Gehäuse

Material	Aluminium
Farbe	Text white RAL9003
Bearbeitungstyp	Lackierung

Elektronik



Downlights | 1 arrayLED 18 W DC 500 mA | CRI 90
C00407WHNWF

Single emission recessed downlights for indoor application. The natural white LED light source with a wide flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 2982 lm, with a 165.7 lm/W nominal luminous efficacy.

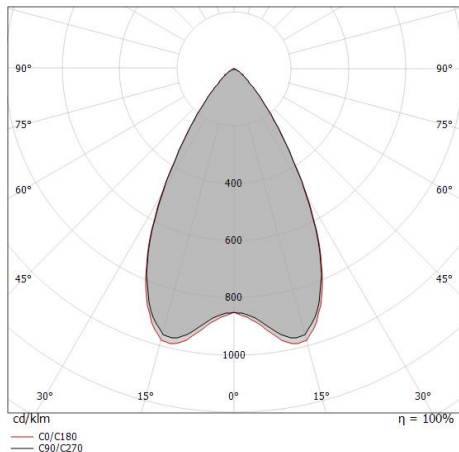
The device body is made of aluminium and features a text white ral9003 finish, processed by means of coating.

The ingress protection degree is IP44; the total weight is of 0.22 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 18 W The power supply cable is included and features a 0.3 m length.

The device features protection class III and can be ceiling-mounted, with a 165 mm diameter hole (in plasterboard).

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



0.5	0.58 0.58	E(0°) E(C90) E(C0)	30.3° 30.1°	7809 2872 2953
1.0	1.17 1.16	E(0°) E(C90) E(C0)	30.3° 30.1°	1952 718 738
1.5	1.75 1.74	E(0°) E(C90) E(C0)	30.3° 30.1°	868 319 328
2.0	2.34 2.32	E(0°) E(C90) E(C0)	30.3° 30.1°	488 180 185
2.5	2.92 2.90	E(0°) E(C90) E(C0)	30.3° 30.1°	312 115 118
3.0	3.51 3.48	E(0°) E(C90) E(C0)	30.3° 30.1°	217 80 82

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 60.2°)
— C90/C270 (Half-peak divergence: 60.6°)

Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	77 %
Lichtstrom (Lichtquelle)	2982 lm
Leuchten Lichtstrom	2297 lm
Consumption	19 W
Leuchten Lichtausbeute	120 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Colour Rendering Index	60 R9
Black Body Locus	On
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio

L70 B10 C0 235315h (at Tj 65 Ta 25)

L80 B10 C0 147343h (at Tj 65 Ta 25)

L90 B10 C0 69745h (at Tj 65 Ta 25)

UGR

UGR axial	17.2
UGR transversal	17.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	60°
Light distribution simmetry	Symmetrical

