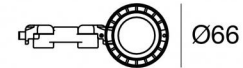
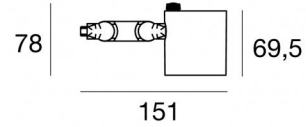


Navata_Optus



Projectors | 1 arrayLED 16 W DC 450 mA | CRI 98
82386M60

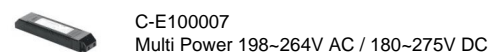
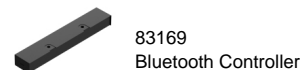
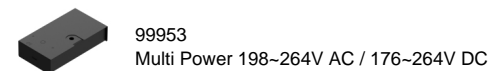
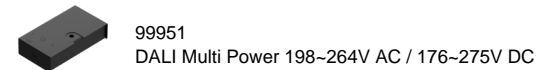
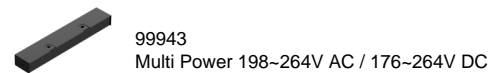
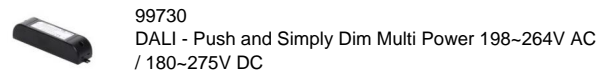
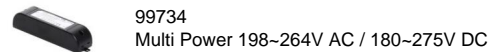


Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Wide Flood
Light emission direction	frontal
Nominal power	16 W DC
Source lumens	2212 lm
Input voltage range	450mA
CCT / Tone	2700 K
Colour rendering index	98 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	Swivelling
total angle (vertical plane)	180 °
total angle (horizontal plane)	360 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	0,2 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.380 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing

Material	Aluminium
Colour	Black
Processing	Coating

Electronics





Projectors | 1 arrayLED 16 W DC 450 mA | CRI 98 | Base
82386M60

Single emission projectors for indoor application. The super warm white LED light source is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 98; the source luminous flux is 2212 lm, with a 138.3 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a black finish, processed by means of coating. The ingress protection degree is IP20; the total weight is of 0.380 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 16 W. The power supply cable is included and features a 0,2 m length.

The device features protection class III and can be wall lights, ceiling or floor-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)	71 %
Source lumens	2212 lm
Delivered lumens	1590 lm
Consumption	16 W
Luminaire efficacy	99 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	98 Ra
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

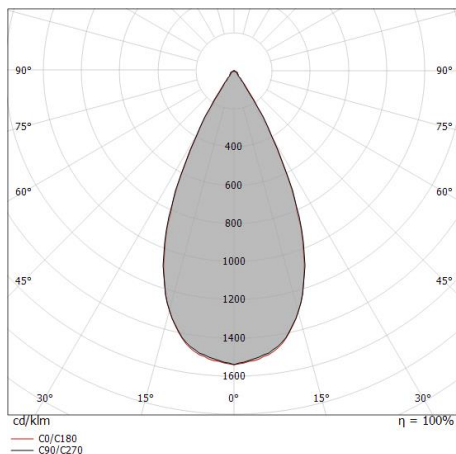
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

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

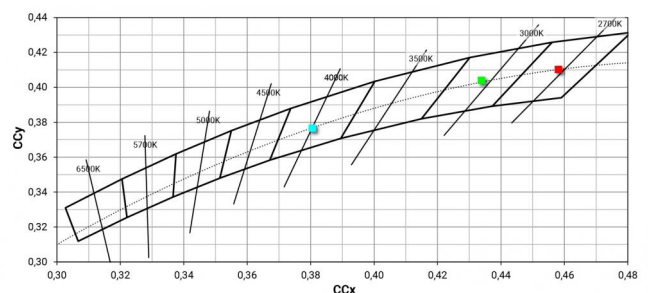
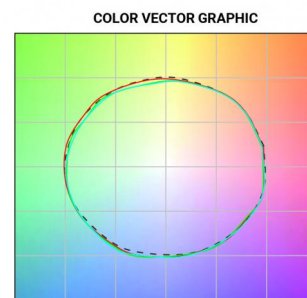
OPTICAL

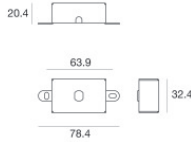
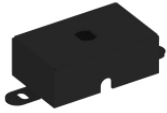
C0/C180 optics	49°
Light distribution symmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.47 0.46	E(0°) 9784 E(C90) 25.0° 3652 E(C0) 24.7° 3698
1.0	0.93 0.92	E(0°) 2446 E(C90) 25.0° 913 E(C0) 24.7° 925
1.5	1.40 1.38	E(0°) 1087 E(C90) 25.0° 406 E(C0) 24.7° 411
2.0	1.87 1.84	E(0°) 612 E(C90) 25.0° 228 E(C0) 24.7° 231
2.5	2.33 2.30	E(0°) 391 E(C90) 25.0° 146 E(C0) 24.7° 148
3.0	2.80 2.76	E(0°) 272 E(C90) 25.0° 101 E(C0) 24.7° 103

— C0/C180 (Half-peak divergence: 49.4°)
— C90/C270 (Half-peak divergence: 50.0°)





Fixing base - Base without power supply
 Material:Iron, colour:Black, processing:Coating.

Code
98589



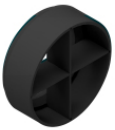
Diffuser
 Diffuser Type: elliptical filter.
 Material:Pom-C, colour:Black.

Code
99781



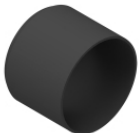
Anti-glare
 Anti-glare Type: honeycomb louvre.
 Material:Pom-C, colour:Black.

Code
99780



Anti-glare
 Anti-glare Type: cross louvres.
 Material:Pom-C, colour:Black.

Code
99779



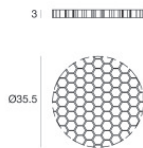
Anti-glare
 Anti-glare Type: cylindrical screen.
 Material:Pom-C, colour:Black.

Code
99783



Anti-glare
 Anti-glare Type: 45° cylindrical screen.
 Material:Pom-C, colour:Black.

Code
99782



Anti-glare - Accessory for focal kit with code 83347.
 Anti-glare Type: honeycomb louvre.
 Material:Pom-C, colour:Black.

Code
99841



Optics
 Light distribution: spot,Cover material: uv resistant polycarbonate

Code
99827



Optics
Light distribution: medium flood,Cover material: uv resistant polycarbonate

Code
99828



Optics
Light distribution: flood,Cover material: uv resistant polycarbonate

Code
99829



Optics - Focal kit (min 16° max 50°)
Light distribution: adjustable,Cover material: aluminium

Code
99844