## Navata\_Optus



### Projectors | 1 arrayLED 24 W DC 700 mA | CRI 98 82391M15







Technical data	
Туре	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Spot
Light emission direction	frontal
Nominal power	24 W DC
Source lumens	2636 lm
Current intensity	700mA
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	0.600 Kg
Electrostatic discharge protection	No
Surge protection	No





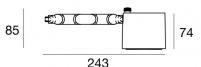














Finishing casing		
Material	Aluminium	
Colour	White	
Processing	Coating	

### Electronics



99112 On/Off Driver 198~264V AC



DALI - Push and Simply Dim Multi Power 198~264V AC / 180~275V DC



99938

Multi Power 198~264V AC / 176~264V DC



99936

**DALI-2 Controller** 



DALI Multi Power 198~264V AC / 176~275V DC



99948

Multi Power 198~264V AC / 176~264V DC



83171

Bluetooth Controller



C-E100008

Multi Power 198~264V AC / 180~275V DC

# Navata\_Optus



# Projectors | 1 arrayLED 24 W DC 700 mA | CRI 98 | Base **82391M15**

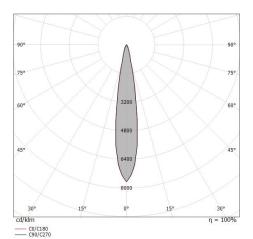
Single emission projectors for indoor application. The super warm white LED light source with a spot light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 98; the source luminous flux is 2636 lm, with a 109.8 lm/W nominal luminous efficacy.

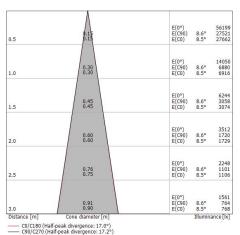
The device body is made of aluminium and features a white finish, processed by means of coating. The ingress protection degree is IP20; the total weight is of 0.600 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 24 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 G.

Illuminotechnical Features	
Light Output Ratio (LOR)	69 %
Source lumens	2636 lm
Delivered lumens	1837 lm
Consumption	24 W
Luminaire efficacy	76 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

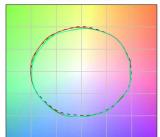
#### LED Life / Failure Ratio

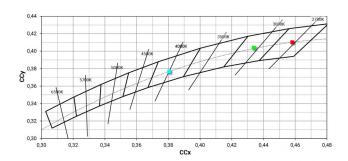
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR	
UGR axial	16.4
UGR transversal	16.4
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
C0/C180 optics	17°
Light distribution simmetry	Symmetrical

#### COLOR VECTOR GRAPHIC





# Navata\_Optus



### Navata\_Optus | Projectors | Accessories 82391M15



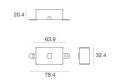


Anti-glare Anti-glare Type: honeycomb louvre. Material:Pom-C, colour:Black.

Code

99842





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

98588



Optics - Focal kit (min 16° max 42°)

Light distribution: adjustable, Cover material: aluminium

Code

99843