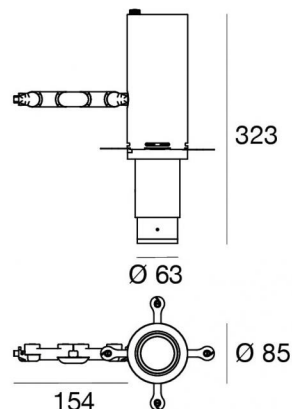


# Navata Pound Shaper distance



Projectors | 1 arrayLED 27 W DC 700 mA | CRI 98  
82631W66



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Shaper Long Distance
Light emission direction	frontal
Nominal power	27 W DC
Source lumens	2785 lm
Input voltage range	700mA
CCT / Tone	3000 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)	90 °
total angle (horizontal plane)	360 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	1.45 Kg
Electrostatic discharge protection	No
Surge protection	No

## Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	White
Processing	Powder coating

## Electronics



99112  
On/Off Driver 198~264V AC (1 art.)



99938  
Multi Power 198~264V AC / 176~264V DC (1 art.)



99936  
DALI-2 Controller (1 art.)



99946  
DALI Multi Power 198~264V AC / 176~275V DC (1 art.)



99948  
Multi Power 198~264V AC / 176~264V DC (1 art.)



83171  
Bluetooth Controller (1 art.)



C-E100008  
Multi Power 198~264V AC / 180~275V DC (1 art.)

# Navata Pound Shaper distance



Projectors | 1 arrayLED 27 W DC 700 mA | CRI 98 | Base  
**82631W66**

Single emission projectors for indoor application. The warm white LED light source with a shaper long distance light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 98; the source luminous flux is 2785 lm, with a 103.1 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a white finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 1.45 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 27 W.

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 F.

## Illuminotechnical Features

Light Output Ratio (LOR)	11 %
Source lumens	2785 lm
Delivered lumens	333 lm
Consumption	27 W
Luminaire efficacy	12 lm/W
Colour temperature	3000 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	45°C

## LED Life / Failure Ratio

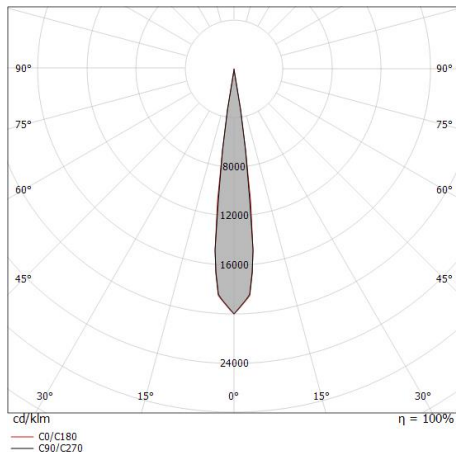
L70 B10 C0 252000h (at Tj 65 Ta 25 )

## UGR

UGR axial	-5.6
UGR transversal	-5.6
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

## OPTICAL

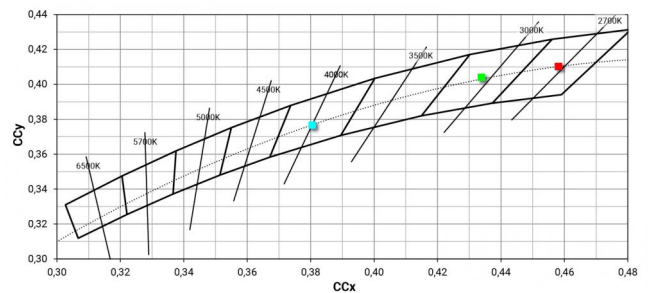
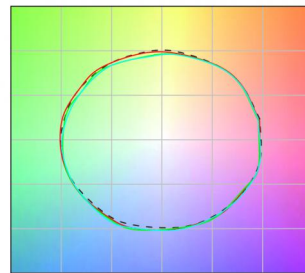
C0/C180 optics	14°
Light distribution symmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.12 0.13	E(0°) 26645 E(C90) 13478 E(C0) 13040
1.0	0.25 0.25	E(0°) 6661 E(C90) 3369 E(C0) 3260
1.5	0.37 0.38	E(0°) 2961 E(C90) 1498 E(C0) 1449
2.0	0.50 0.51	E(0°) 1665 E(C90) 842 E(C0) 815
2.5	0.62 0.63	E(0°) 1066 E(C90) 539 E(C0) 522
3.0	0.75 0.76	E(0°) 740 E(C90) 374 E(C0) 362

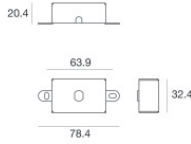
— C0/C180 (Half-peak divergence: 14.4°)  
— C90/C270 (Half-peak divergence: 14.2°)

## COLOR VECTOR GRAPHIC





**82631W66**



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

**Code**  
98588



Tool - Gobo holder  
Material:Aluminium, colour:black, processing:Anodisation.

**Code**  
99853