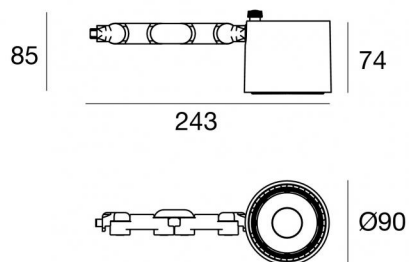




Projectors | 1 arrayLED 24 W DC 700 mA | CRI 90  
82390N60



| Technical data                                 |                                  |
|------------------------------------------------|----------------------------------|
| Type                                           | Surface                          |
| Installation position                          | Wall lights -<br>Ceiling - Floor |
| Installation environment                       | Indoor                           |
| Light Source                                   | LED                              |
| Circuit structure                              | arrayLED                         |
| Optics                                         | Wide Flood                       |
| Light emission direction                       | frontal                          |
| Nominal power                                  | 24 W DC                          |
| Source lumens                                  | 4030 lm                          |
| Input voltage range                            | 700mA                            |
| 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                                    | 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     | Black     |
| Processing | Coating   |

## Electronics



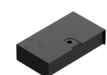
99112  
On/Off Driver 198~264V AC (1 art.)



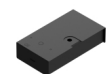
99941  
DALI-2 Controller (1 art.)



99943  
Multi Power 198~264V AC / 176~264V DC (1 art.)



99951  
DALI Multi Power 198~264V AC / 176~275V DC (1 art.)



99953  
Multi Power 198~264V AC / 176~264V DC (1 art.)



83172  
Bluetooth Controller (1 art.)



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

Projectors | 1 arrayLED 24 W DC 700 mA | CRI 90 | Base 82390N60

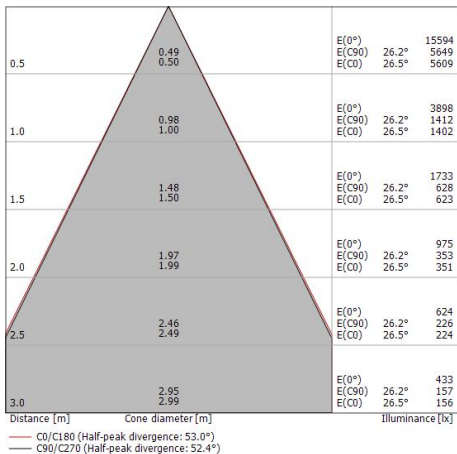
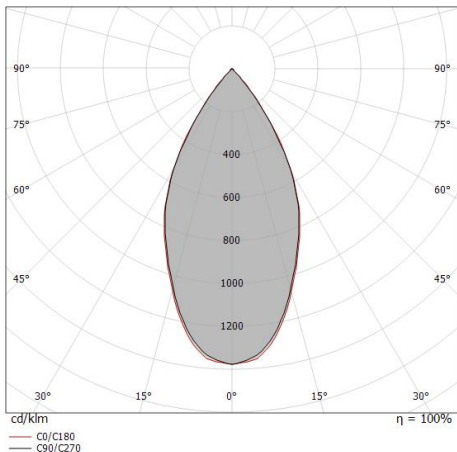
Single emission projectors for indoor application. The natural white LED light source with a wide flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 4030 lm, with a 167.9 lm/W nominal luminous efficacy.

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 0.600 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 E.

Illuminotechnical Features

|                                        |                |
|----------------------------------------|----------------|
| Light Output Ratio (LOR)               | 70 %           |
| Source lumens                          | 4030 lm        |
| Delivered lumens                       | 2830 lm        |
| Consumption                            | 24 W           |
| Luminaire efficacy                     | 117 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

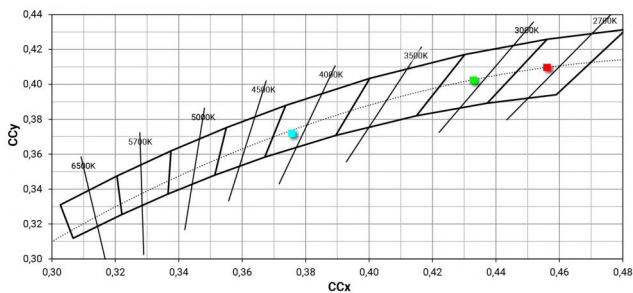
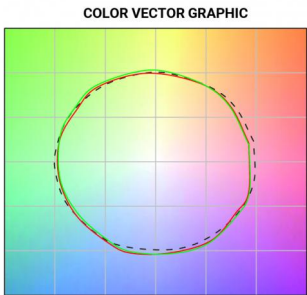
L70 B10 C0 252000h (at Tj 65 Ta 25 )

UGR

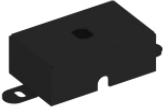
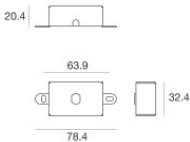
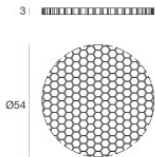
|                   |          |
|-------------------|----------|
| UGR axial         | 22.3     |
| UGR transversal   | 22.4     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

|                             |             |
|-----------------------------|-------------|
| C0/C180 optics              | 52°         |
| Light distribution simmetry | Symmetrical |





|                                                                                                                                                                        |                                                                                                                                                         |                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
|      | <p>Fixing base - Base without power supply</p> <p>Material:Iron, colour:Black, processing:Coating.</p>                                                  | <p><b>Code</b></p> <p><u>98589</u></p> |
|                                                                                       | <p>Diffuser</p> <p>Diffuser Type: elliptical filter.</p> <p>Material:Pom-C, colour:Black.</p>                                                           | <p><b>Code</b></p> <p><u>99797</u></p> |
|                                                                                      | <p>Anti-glare</p> <p>Anti-glare Type: honeycomb louvre.</p> <p>Material:Pom-C, colour:Black.</p>                                                        | <p><b>Code</b></p> <p><u>99798</u></p> |
|                                                                                     | <p>Anti-glare</p> <p>Anti-glare Type: cylindrical screen.</p> <p>Material:Pom-C, colour:Black.</p>                                                      | <p><b>Code</b></p> <p><u>99796</u></p> |
|   | <p>Anti-glare</p> <p>Anti-glare Type: honeycomb louvre.</p> <p>Material:Pom-C, colour:Black.</p>                                                        | <p><b>Code</b></p> <p><u>99842</u></p> |
|                                                                                     | <p>Optics</p> <p>Light distribution: spot,Cover material: uv resistant polycarbonate</p>                                                                | <p><b>Code</b></p> <p><u>99808</u></p> |
|                                                                                     | <p>Optics</p> <p>Light distribution: medium flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate</p> | <p><b>Code</b></p> <p><u>99809</u></p> |
|                                                                                     | <p>Optics</p> <p>Light distribution: flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate</p>        | <p><b>Code</b></p> <p><u>99810</u></p> |



Navata\_Optus | Projectors | Accessories  
82390N60



Optics - Focal kit (min 16° max 42°)  
Light distribution: adjustable,Cover material: ,aluminium

Code  
99843