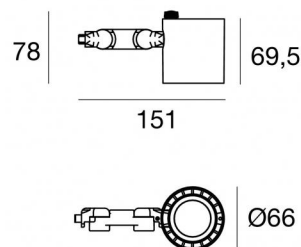


Scheinwerfer | 1 arrayLED 16 W DC 450 mA | CRI 90  
82903W60



| Technische Daten                                    |                      |
|-----------------------------------------------------|----------------------|
| Typ                                                 | Oberfläche           |
| Installationsposition                               | Wand - Decke - Boden |
| Installationsumgebung                               | Indoor               |
| Lichtquelle                                         | LED                  |
| Circuit structure                                   | arrayLED             |
| Optik                                               | Wide Flood           |
| Light emission direction                            | frontal              |
| Lampe Nennleistung                                  | 16 W DC              |
| Lichtstrom (Lichtquelle)                            | 2733 lm              |
| Eingangsspannungsbereich                            | 450mA                |
| Ähnlichste Farbtemperatur / Tone                    | 3000 K               |
| Farbwiedergabeindex                                 | 90 Ra                |
| Gleichstrom/Gleichspannung                          | CC                   |
| Isolierklasse                                       | 3                    |
| IP                                                  | IP20                 |
| Glühdrahtprüfung                                    | 850°                 |
| Direkte Montage auf normal entflammaren Oberflächen | Ja                   |
| CE                                                  | Ja                   |
| Einschließlich Driver                               | Nein                 |
| Leuchte dimmbar                                     | DALI - 1-10V         |
| Schwenkbarkeit                                      | Orientabile          |
| Gesamtwinkel (vertikale Ebene)                      | 180 °                |
| Gesamtwinkel (horizontale Ebene)                    | 360 °                |
| Drehbarkeit                                         | Nein                 |
| Begehbarkeit                                        | Nein                 |
| Überrollbarkeit                                     | Nein                 |
| Einschließlich Kabel                                | Ja                   |
| Kabellänge                                          | 0,2 m                |
| Harzbeschichtung                                    | Nein                 |
| Typ Lichtabstrahlung                                | Einflammig           |
| Nettogewicht                                        | 0.351 Kg             |
| Schutz vor elektrostatischen Entladungen            | Nein                 |
| Schutz vor Stoßspannungen                           | Nein                 |

#### Oberfläche Oberfläche Gehäuse

|                 |                                                |
|-----------------|------------------------------------------------|
| Material        | Aluminium                                      |
| Farbe           | Sand                                           |
| Bearbeitungstyp | Pulverbeschichtung mit duroplastischen Pulvern |

#### Elektronik



99734  
Multi Power 198-264V AC / 180-275V DC (1 art.)



99730  
DALI - Push and Simply Dim Multi Power 198-264V AC / 180-275V DC (1 art.)



83054  
Push and Simply Dim - DALI-2 Controller (1 art.)



83055  
Multi Power 198-264V AC / 176-264V DC (1 art.)



83051  
DALI Multi Power 198-264V AC / 176-275V DC (1 art.)



83052  
Multi Power 198-264V AC / 176-264V DC (1 art.)



83170  
Bluetooth Controller (1 art.)



C-E100007  
Controller (1 art.)

Scheinwerfer | 1 arrayLED 16 W DC 450 mA | CRI 90  
82903W60

Single emission projectors for indoor application. The warm white LED light source is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2733 lm, with a 170.8 lm/W nominal luminous efficacy.

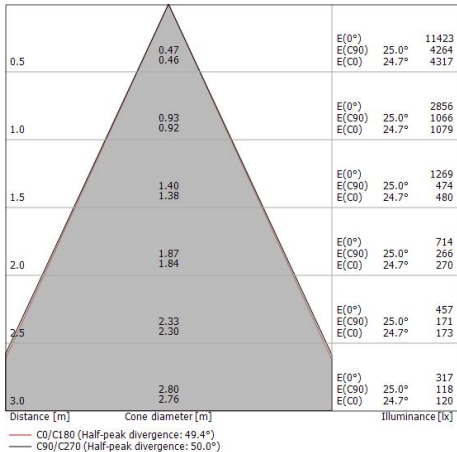
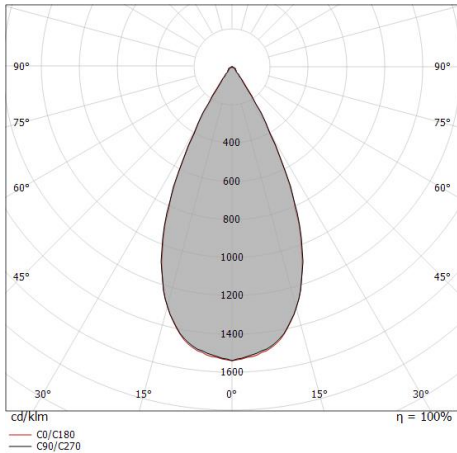
The device body is made of aluminium and features a sand finish, processed by means of powder coating with thermosetting powders.

The ingress protection degree is IP20; the total weight is of 0.351 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.



Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 67 %           |
| Lichtstrom (Lichtquelle)              | 2733 lm        |
| Leuchten Lichtstrom                   | 1856 lm        |
| Consumption                           | 16 W           |
| Leuchten Lichtausbeute                | 116 lm/W       |
| Farbtemperatur                        | 3000 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 237566h (at Tj 65 Ta 25 )

L80 B10 C0 148737h (at Tj 65 Ta 25 )

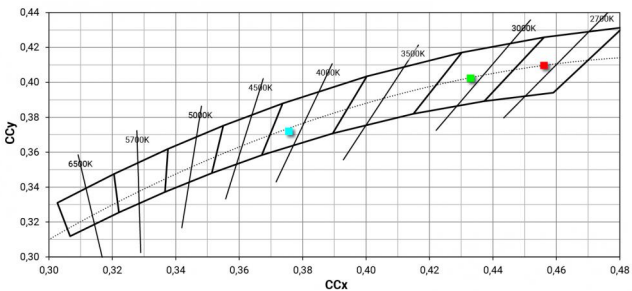
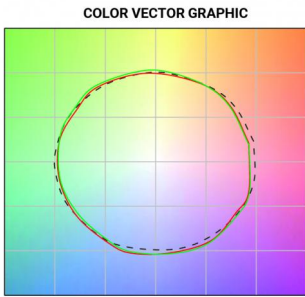
L90 B10 C0 70385h (at Tj 65 Ta 25 )

UGR

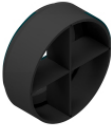
|                   |          |
|-------------------|----------|
| UGR axial         | 20.6     |
| UGR transversal   | 20.5     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

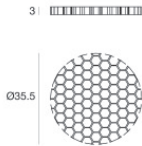
|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 49°         |
| Light distribution simmetry | Symmetrical |



Navata\_Optus | Projectors | Accessories  
82903W60

|                                                                                     |                                                                                                         |                                 |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------|
|    | <p>Optik</p> <p>Lichtverteilung: spot,Material Verkleidung: uv beständiges polycarbonat</p>             | <p>Code</p> <p><u>99827</u></p> |
|    | <p>Optik</p> <p>Lichtverteilung: medium flood,Material Verkleidung: uv beständiges polycarbonat</p>     | <p>Code</p> <p><u>99828</u></p> |
|   | <p>Optik</p> <p>Lichtverteilung: flood,Material Verkleidung: uv beständiges polycarbonat</p>            | <p>Code</p> <p><u>99829</u></p> |
|  | <p>Blendschutz</p> <p>Blendschutzart: frangiluce a croce.</p> <p>Material:Pom-C, farbe:Schwarz.</p>     | <p>Code</p> <p><u>99779</u></p> |
|  | <p>Blendschutz</p> <p>Blendschutzart: wabenraster.</p> <p>Material:Pom-C, farbe:Schwarz.</p>            | <p>Code</p> <p><u>99780</u></p> |
|  | <p>Diffusor</p> <p>Diffusorart: filtro ellittico.</p> <p>Material:Pom-C, farbe:Schwarz.</p>             | <p>Code</p> <p><u>99781</u></p> |
|  | <p>Blendschutz</p> <p>Blendschutzart: schermo cilindrico 45°.</p> <p>Material:Pom-C, farbe:Schwarz.</p> | <p>Code</p> <p><u>99782</u></p> |
|  | <p>Blendschutz</p> <p>Blendschutzart: schermo cilindrico.</p> <p>Material:Pom-C, farbe:Schwarz.</p>     | <p>Code</p> <p><u>99783</u></p> |

Navata\_Optus | Projectors | Accessories  
82903W60



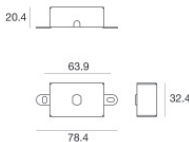
Blendschutz - Zubehör für Fokal-Kit mit Code 83347.  
Blendschutzart: wabenraster.  
Material:Pom-C, farbe:Schwarz.

Code  
99841



Optik - Fokus-Kit (min 16° max 50°)  
Lichtverteilung: einstellbar,Material Verkleidung: extra-helles glas - gehärtet

Code  
99844



Befestigungsplatte - Basis ohne Netzteil  
Material:Eisen, farbe:Sand, bearbeitungstyp :Lackierung.

Code  
83242