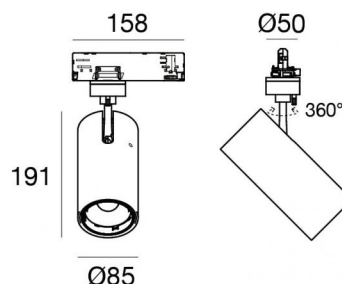


Scheinwerfer | 198-264 V  
1 arrayLED 32.5 W DC - 37.5 W AC | CRI 90  
**82232M15**



| Technische Daten                                    |                  |
|-----------------------------------------------------|------------------|
| Typ                                                 | Schiene          |
| Installationsposition                               | Decke            |
| Installationsumgebung                               | Indoor           |
| Lichtquelle                                         | LED              |
| Circuit structure                                   | arrayLED         |
| Optik                                               | Spot             |
| Light emission direction                            | frontal          |
| Lampe Nennleistung                                  | 32.5 W DC        |
| Gesamtleistung                                      | 37.5 W           |
| Lichtstrom (Lichtquelle)                            | 4928 lm          |
| Nominale Eingangsspannung                           | 220 - 240 V AC   |
| Eingangsspannungsbereich                            | 198 - 264 V AC   |
| Frequency                                           | 50 - 60 Hz       |
| Ähnlichste Farbtemperatur / Tone                    | 2700 K           |
| Farbwiedergabeindex                                 | 90 Ra            |
| Gleichstrom/Gleichspannung                          | AC               |
| Isolierklasse                                       | 2                |
| IP                                                  | IP20             |
| Glühdrahtprüfung                                    | 850°             |
| Direkte Montage auf normal entflammaren Oberflächen | Ja               |
| CE                                                  | Ja               |
| Einschließlich Driver                               | Driver           |
| Leuchte dimmbar                                     | Dimming on Board |
| Schwenkbarkeit                                      | Orientabile      |
| Gesamtwinkel (vertikale Ebene)                      | 90 °             |
| Gesamtwinkel (horizontale Ebene)                    | 360 °            |
| Drehbarkeit                                         | Nein             |
| Begehbarkeit                                        | Nein             |
| Überrollbarkeit                                     | Nein             |
| Einschließlich Kabel                                | Nein             |
| Harzbeschichtung                                    | Nein             |
| Typ Lichtabstrahlung                                | Einflammig       |
| Nettogewicht                                        | 0.92 Kg          |
| Schutz vor elektrostatischen Entladungen            | Ja               |
| Schutz vor Stoßspannungen                           | 2 KV             |
| Optiktechnologie                                    | Anti - Glare     |

| Oberfläche Oberfläche Gehäuse |                                                |
|-------------------------------|------------------------------------------------|
| Material                      | Stranggepresstes Aluminium EN AB - 46100       |
| Farbe                         | Text black RAL9005                             |
| Bearbeitungstyp               | Pulverbeschichtung mit duroplastischen Pulvern |

Scheinwerfer | 198-264 V | 1 arrayLED 32.5 W DC - 37.5 W AC | CRI 90  
82232M15

Single emission projectors for indoor application. The super warm white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 4928 lm, with a 151.6 lm/W nominal luminous efficacy.

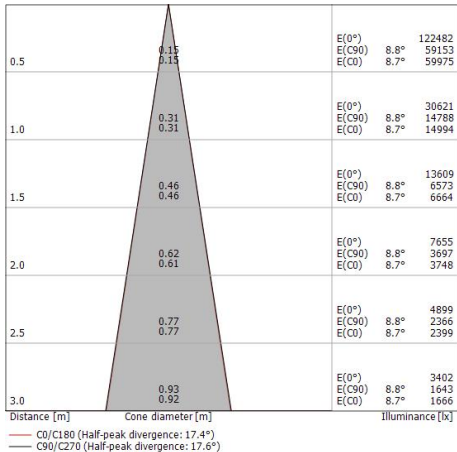
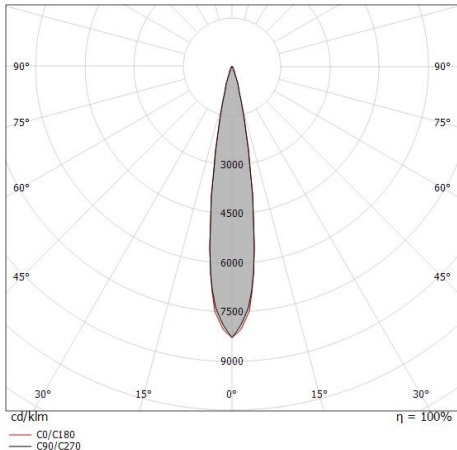
The device body is made of die-cast aluminium en ab - 46100 and features a text black ral9005 finish, processed by means of powder coating with thermosetting powders.

The ingress protection degree is IP20; the total weight is of 0.92 kg.

The total absorbed power is 37.5 W

The device features protection class II and can be ceiling-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)              | 75 %           |
| Lichtstrom (Lichtquelle)              | 4928 lm        |
| Leuchten Lichtstrom                   | 3698 lm        |
| Consumption                           | 37.5 W         |
| Leuchten Lichtausbeute                | 98 lm/W        |
| Farbtemperatur                        | 2700 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 235315h (at Tj 65 Ta 25 )

L80 B10 C0 147343h (at Tj 65 Ta 25 )

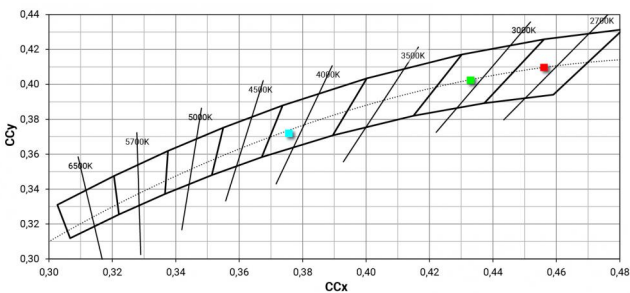
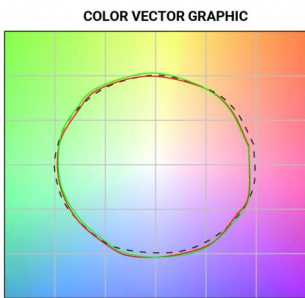
L90 B10 C0 69745h (at Tj 65 Ta 25 )

UGR

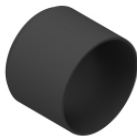
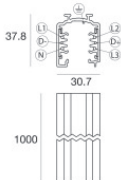
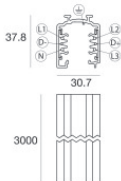
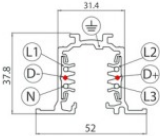
|                   |          |
|-------------------|----------|
| UGR axial         | 16.2     |
| UGR transversal   | 16.2     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

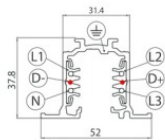
|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 17°         |
| Light distribution simmetry | Symmetrical |



Pound\_T | Projectors | Accessories  
82232M15

|                                                                                     |                                                                                     |                                                                                                                                |                          |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------|
|    |                                                                                     | Optik - SPOT<br>Lichtverteilung: spot,Material Verkleidung: uv beständiges polycarbonat                                        | <b>Code</b><br>C-U300015 |
|    |                                                                                     | Optik - WIDE FLOOD<br>Lichtverteilung: medium flood,Material Verkleidung: uv beständiges polycarbonat                          | <b>Code</b><br>C-U300017 |
|    |                                                                                     | Blendschutz<br>Blendschutzart: wabenraster.<br>Material:Pom-C, farbe:Schwarz.                                                  | <b>Code</b><br>C-U300014 |
|  |                                                                                     | Blendschutz<br>Blendschutzart: schermo cilindrico.<br>Material:Pom-C, farbe:Schwarz.                                           | <b>Code</b><br>C-U300029 |
|  |                                                                                     | Blendschutz<br>Blendschutzart: schermo cilindrico 45°.<br>Material:Pom-C, farbe:Schwarz.                                       | <b>Code</b><br>C-U300030 |
|   |  | Schiene<br>Länge: 1000mm; Typ Schiene: Standard.<br>Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung. | <b>Code</b><br>83336     |
|   |  | Schiene<br>Länge: 3000mm; Typ Schiene: Standard.<br>Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung. | <b>Code</b><br>83338     |
|   |  | Schiene<br>Länge: 1000mm; Typ Schiene: Standard.<br>Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung. | <b>Code</b><br>80990     |

Pound\_T | Projectors | Accessories  
82232M15



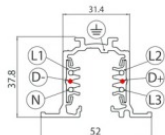
Schiene  
Länge: 2000mm; Typ Schiene: Standard.  
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

**Code**  
80991



Diffusor - Es ist nicht mit 60°-Optiken kompatibel

**Code**  
C-U300013



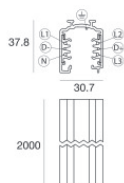
Schiene  
Länge: 1000mm; Typ Schiene: Standard.  
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

**Code**  
80993



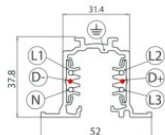
Optik - FLOOD  
Lichtverteilung: flood,Material Verkleidung: uv beständiges polycarbonat

**Code**  
C-U300016



Schiene  
Länge: 2000mm; Typ Schiene: Standard.  
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

**Code**  
83340



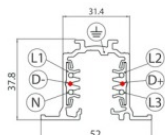
Schiene  
Länge: 3000mm; Typ Schiene: Standard.  
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

**Code**  
80992



Stromversorgung  
Material:PC, farbe:Black.

**Code**  
81034



Schiene  
Länge: 2000mm; Typ Schiene: Standard.  
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

**Code**  
80994

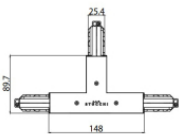


Pound\_T | Projectors | Accessories  
82232M15



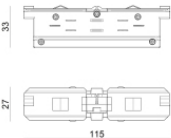
Endkappe  
Material:PC, farbe:Weiß.

Code  
80999



Kabelverbindung  
Typ linear.  
Material:PC, farbe:Weiß.

Code  
81051



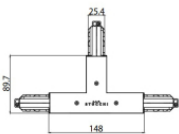
Kabelverbindung  
Typ linear.  
Material:PC, farbe:Weiß.

Code  
81039



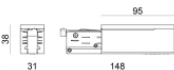
Kabelverbindung  
Typ flexible curve.  
Material:PC, farbe:Weiß.

Code  
81066



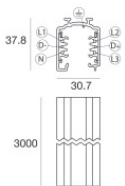
Kabelverbindung  
Typ linear.  
Material:PC, farbe:Weiß.

Code  
81054



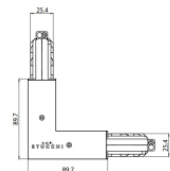
Stromversorgung  
Material:PC, farbe:Weiß.

Code  
81033



Schiene  
Länge: 3000mm; Typ Schiene: Standard.  
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

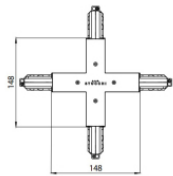
Code  
83341



Kabelverbindung  
Typ linear.  
Material:PC, farbe:Weiß.

Code  
81048

Pound\_T | Projectors | Accessories  
82232M15



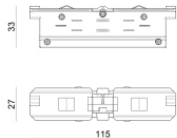
Kabelverbindung  
Typ linear.  
Material:PC, farbe:Weiß.

Code  
81063



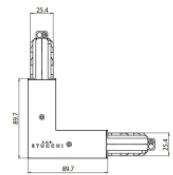
Endkappe  
Material:PC, farbe:Black.

Code  
81000



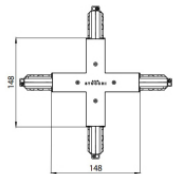
Kabelverbindung  
Typ linear.  
Material:PC, farbe:Black.

Code  
81040



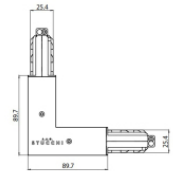
Kabelverbindung  
Typ linear.  
Material:PC, farbe:Black.

Code  
81046



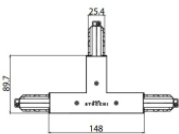
Kabelverbindung  
Typ linear.  
Material:PC, farbe:Black.

Code  
81064



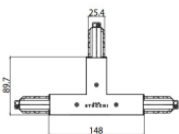
Kabelverbindung  
Typ linear.  
Material:PC, farbe:Black.

Code  
81049



Kabelverbindung  
Typ linear.  
Material:PC, farbe:Black.

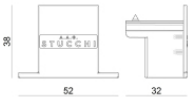
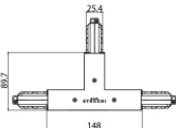
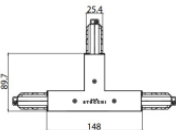
Code  
81061



Kabelverbindung  
Typ linear.  
Material:PC, farbe:Weiß.

Code  
81060

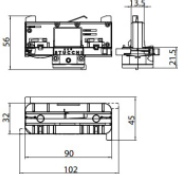
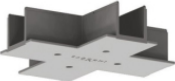
Pound\_T | Projectors | Accessories  
82232M15

|                                                                                     |                                                                                     |                                                                                                                                               |                             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
|    |    | Endkappe<br>Material:PC, farbe:Black.                                                                                                         | <b>Code</b><br><u>81003</u> |
|    |                                                                                     | Deckenrosette - Weißes Aufhängungsset 1,5 m + Halterung (9000-KIT5-1,5-W)<br>Einschließlich Driver: Nein.<br>Material:Kunststoff, farbe:Weiß. | <b>Code</b><br><u>81012</u> |
|    |                                                                                     | Endkappe<br>Material:PC, farbe:Weiß.                                                                                                          | <b>Code</b><br><u>81002</u> |
|  |                                                                                     | Deckenrosette - Schwarzes Aufhängungsset 5 m + Halterung (9000-KIT5-5-B)<br>Einschließlich Driver: Nein.<br>Material:Kunststoff, farbe:Black. | <b>Code</b><br><u>81015</u> |
|  |  | Kabelverbindung<br>Typ linear.<br>Material:PC, farbe:Black.                                                                                   | <b>Code</b><br><u>81052</u> |
|  |                                                                                     | Hängeleuchten<br>Material:Kunststoff, farbe:Weiß.                                                                                             | <b>Code</b><br><u>81021</u> |
|  |  | Kabelverbindung<br>Typ linear.<br>Material:PC, farbe:Black.                                                                                   | <b>Code</b><br><u>81055</u> |
|  |                                                                                     | Hängeleuchten<br>Material:Kunststoff, farbe:Black.                                                                                            | <b>Code</b><br><u>81022</u> |

Pound\_T | Projectors | Accessories  
82232M15

|  |  |                                                                                                                                                   |                             |
|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
|  |  | Kabelverbindung<br>Typ linear.<br>Material:PC, farbe:Weiß.                                                                                        | <b>Code</b><br><u>81045</u> |
|  |  | Drahtabdeckung<br>Material:PC, farbe:Weiß.                                                                                                        | <b>Code</b><br><u>81069</u> |
|  |  | Drahtabdeckung<br>Material:PC, farbe:Black.                                                                                                       | <b>Code</b><br><u>81070</u> |
|  |  | Deckenrosette - Schwarzes Aufhängungsset 1,5 m + Halterung (9000-KIT5-1,5-B)<br>Einschließlich Driver: Nein.<br>Material:Kunststoff, farbe:Black. | <b>Code</b><br><u>81014</u> |
|  |  | Kabelverbindung<br>Typ linear.<br>Material:PC, farbe:Weiß.                                                                                        | <b>Code</b><br><u>81057</u> |
|  |  | Drahtabdeckung<br>Material:PC, farbe:Weiß.                                                                                                        | <b>Code</b><br><u>81075</u> |
|  |  | Klammer<br>L=35mm, H=14mm, D=24mm.<br>Material:Aluminium, farbe:Weiß, bearbeitungstyp :Lackierung.                                                | <b>Code</b><br><u>81087</u> |
|  |  | Kabelverbindung<br>Typ linear.<br>Material:PC, farbe:Black.                                                                                       | <b>Code</b><br><u>81058</u> |

Pound\_T | Projectors | Accessories  
82232M15

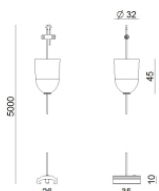
|                                                                                     |                                                                                     |                                                                                                                                 |                                        |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
|     |    | <p>Drahtabdeckung</p> <p>Material:PC, farbe:Black.</p>                                                                          | <p><b>Code</b></p> <p><u>81082</u></p> |
|    |                                                                                     | <p>Werkzeug - Schneidezange S?9000/T</p> <p>Material:Gummi, farbe:Black.</p>                                                    | <p><b>Code</b></p> <p><u>81005</u></p> |
|   |    | <p>Klammer</p> <p>L=35mm, H=14mm, D=24mm.</p> <p>Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.</p> | <p><b>Code</b></p> <p><u>81088</u></p> |
|  |  |                                                                                                                                 | <p><b>Code</b></p> <p><u>81091</u></p> |
|   |  | <p>Drahtabdeckung</p> <p>Material:PC, farbe:Black.</p>                                                                          | <p><b>Code</b></p> <p><u>81076</u></p> |
|  |  | <p>Klammer</p> <p>L=35mm, H=14mm, D=24mm.</p> <p>Material:Aluminium, farbe:Polished aluminium.</p>                              | <p><b>Code</b></p> <p><u>81086</u></p> |
|   |  | <p>Drahtabdeckung</p> <p>Material:PC, farbe:Weiß.</p>                                                                           | <p><b>Code</b></p> <p><u>81081</u></p> |
|  |                                                                                     | <p>Hängeleuchten</p> <p>Material:Kunststoff, farbe:Black.</p>                                                                   | <p><b>Code</b></p> <p><u>81019</u></p> |

Pound\_T | Projectors | Accessories  
82232M15



Hängeleuchten  
Material:Kunststoff, farbe:Weiß.

**Code**  
81018



Deckenrosette - Weißes Aufhängungsset 5 m + Halterung (9000-KIT5-5-W)  
Einschließlich Driver: Nein.  
Material:Kunststoff, farbe:Weiß.

**Code**  
81013



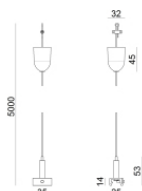
Klammer  
L=180mm, H=24mm, D=26mm.  
Material:Aluminium, farbe:Anodised aluminium, bearbeitungstyp :Eloxierung.

**Code**  
81024



Hängeleuchten  
Material:Kunststoff, farbe:Weiß.

**Code**  
81006



Hängeleuchten  
Material:Kunststoff, farbe:Black.

**Code**  
81009



Hängeleuchten  
Material:Kunststoff, farbe:Weiß.

**Code**  
81007



Klammer  
L=180mm, H=24mm, D=20mm.  
Material:Aluminium, farbe:Weiß RAL 9010, bearbeitungstyp :Lackierung.

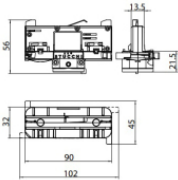
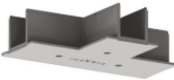
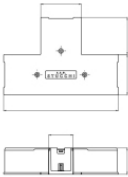
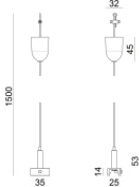
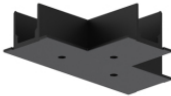
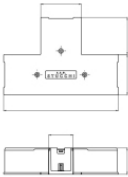
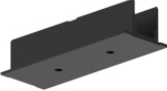
**Code**  
81025



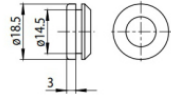
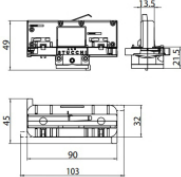
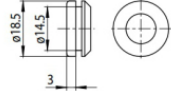
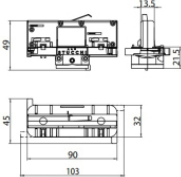
Klammer  
L=180mm, H=24mm, D=20mm.  
Material:Aluminium, farbe:Schwarz RAL 9005, bearbeitungstyp :Lackierung.

**Code**  
81026

Pound\_T | Projectors | Accessories  
82232M15

|                                                                                     |                                                                                     |                                                    |                      |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------|----------------------|
|    |    |                                                    | <b>Code</b><br>81093 |
|     |    | Drahtabdeckung<br>Material:PC, farbe:Weiß.         | <b>Code</b><br>81078 |
|   |   | Hängeleuchten<br>Material:Kunststoff, farbe:Black. | <b>Code</b><br>81008 |
|   |  | Drahtabdeckung<br>Material:PC, farbe:Black.        | <b>Code</b><br>81079 |
|  |  | Drahtabdeckung<br>Material:PC, farbe:Weiß.         | <b>Code</b><br>81072 |
|  |  | Drahtabdeckung<br>Material:PC, farbe:Black.        | <b>Code</b><br>81073 |
|   |                                                                                     | Drahtabdeckung<br>Material:Schwarz, farbe:Black.   | <b>Code</b><br>83250 |
|   |                                                                                     | Drahtabdeckung<br>Material:Weiß.                   | <b>Code</b><br>83249 |

Pound\_T | Projectors | Accessories  
82232M15

|                                                                                     |                                                                                     |                                            |                             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------|
|    |    | Endkappe<br>Material:Schwarz, farbe:Black. | <b>Code</b><br><u>81085</u> |
|     |    |                                            | <b>Code</b><br><u>81094</u> |
|   |    | Endkappe<br>Material:Weiß.                 | <b>Code</b><br><u>81084</u> |
|  |  |                                            | <b>Code</b><br><u>81095</u> |