# Pound_T

Projectors | 198-264 V
1 arrayLED 23 W DC - 26 W AC | CRI 90
**82230W15**

| 158 | Ø50 |
| --- | --- |

166

Ø65

360°
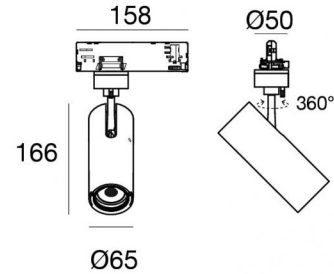
## Technical data

| | |
| --- | --- |
| Type | Track |
| Installation position | Ceiling |
| Installation environment | Indoor |
| Light Source | LED |
| Circuit structure | arrayLED |
| Optics | Spot |
| Light emission direction | frontal |
| Nominal power | 23 W DC |
| Total Power | 26 W |
| Source lumens | 3287 lm |
| Nominal input voltage | 220 - 240 V AC |
| Input voltage range | 198 - 264 V AC |
| Frequency | 50 - 60 Hz |
| CCT / Tone | 3000 K |
| Colour rendering index | 90 Ra |
| C.C. / C.V. | AC |
| Safety class | 2 |
| IP | IP20 |
| Glow wire test | 850° |
| Direct mounting on normally flammable surfaces | Yes |
| CE | Yes |
| Driver included | Driver |
| Dimmable article | Dimming on Board |
| 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 | 0.612 Kg |
| Electrostatic discharge protection | Yes |
| Surge protection | 2 KV |
| Optics technology | Anti - Glare |

## Finishing casing

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

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# Pound_T

Projectors | 198-264 V | 1 arrayLED 23 W DC - 26 W AC | CRI 90 | Base
**82230W15**

Single emission projectors for indoor application. The warm white LED light source with a spot light distribution is composed of 1 arrayled LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 3287 lm, with a 142.9 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 0.612 kg.

The total absorbed power is 26 W.

The device features protection class II and can be ceiling-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

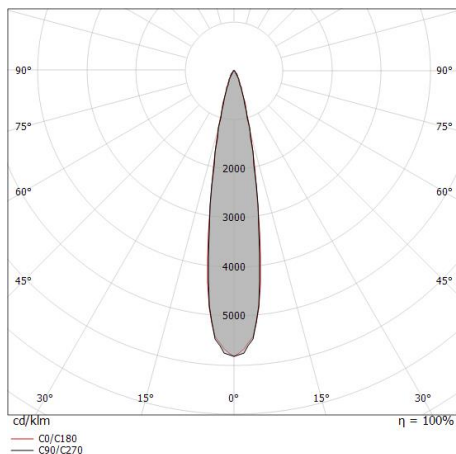| | |
|---|---|
| Light Output Ratio (LOR) | 69 % |
| Source lumens | 3287 lm |
| Delivered lumens | 2283 lm |
| Consumption | 26 W |
| Luminaire efficacy | 87 lm/W |
| Colour temperature | 3000 K |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Colour rendering index | 90 Ra |
| Colour 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 | 17.8 |
| UGR transversal | 17.7 |
| X=4H | Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

## OPTICAL

| | |
|---|---|
| C0/C180 optics | 19° |
| Light distribution simmetry | Symmetrical |

### COLOR VECTOR GRAPHIC





| | | | |
|---|---|---|---|
| 0.5 | 0.17 / 0.17 | E(0°) | 53163 |
| | | E(C90) 9.7° | 25523 |
| | | E(C0) 9.8° | 25492 |
| 1.0 | 0.34 / 0.35 | E(0°) | 13291 |
| | | E(C90) 9.7° | 6381 |
| | | E(C0) 9.8° | 6373 |
| 1.5 | 0.51 / 0.52 | E(0°) | 5907 |
| | | E(C90) 9.7° | 2836 |
| | | E(C0) 9.8° | 2832 |
| 2.0 | 0.68 / 0.69 | E(0°) | 3323 |
| | | E(C90) 9.7° | 1595 |
| | | E(C0) 9.8° | 1593 |
| 2.5 | 0.85 / 0.86 | E(0°) | 2127 |
| | | E(C90) 9.7° | 1021 |
| | | E(C0) 9.8° | 1020 |
| 3.0 | 1.03 / 1.04 | E(0°) | 1477 |
| | | E(C90) 9.7° | 709 |
| | | E(C0) 9.8° | 708 |

Distance [m]  |  Cone diameter [m]  |  Illuminance [lx]

— C0/C180 (Half-peak divergence: 19.6°)
— C90/C270 (Half-peak divergence: 19.4°)

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# Pound_T

Pound_T | Projectors | Accessories
**82230W15**

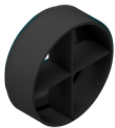| | | | Code |
|---|---|---|---|
| | Optics | Light distribution: spot,Cover material: uv resistant polycarbonate | 99827 |
| | Optics | Light distribution: medium flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate | 99828 |
| | Optics | Light distribution: flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate | 99829 |
| | Anti-glare | Anti-glare Type: cross louvres. Material:Pom-C, colour:Black. | 99779 |
| | Anti-glare | Anti-glare Type: honeycomb louvre. Material:Pom-C, colour:Black. | 99780 |
| | Diffuser | Diffuser Type: elliptical filter. Material:Pom-C, colour:Black. | 99781 |
| | Anti-glare | Anti-glare Type: 45° cylindrical screen. Material:Pom-C, colour:Black. | 99782 |
| | Anti-glare | Anti-glare Type: cylindrical screen. Material:Pom-C, colour:Black. | 99783 |
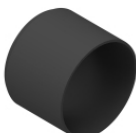
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# Pound_T

Pound_T | Projectors | Accessories
**82230W15**

| | | | Finish | Code |
|---|---|---|---|---|
| | **Track**<br>Length: 1000mm; Type of track: Standard.<br>Material:Aluminium, colour:White, processing:Coating. | | White | 83336 |
| | **Track**<br>Length: 1000mm; Type of track: Standard.<br>Material:Aluminium, colour:Black, processing:Coating. | | Black | 83339 |
| | **Track**<br>Length: 3000mm; Type of track: Standard.<br>Material:Aluminium, colour:Black, processing:Coating. | | Black | 83341 |
| | **Track - Three-phase Recessed White DALI Track, 2 m (9000-2/W-R)**<br>Length: 2000mm; Type of track: Standard.<br>Material:Aluminium, colour:White, processing:Coating. | | White | 80991 |
| | **Track - Three-phase Recessed Grey DALI Track, 1 m (9000-1/B-R)**<br>Length: 1000mm; Type of track: Standard.<br>Material:Aluminium, colour:Black, processing:Coating. | | Black | 80993 |
| | **Track - Trhee-phase Recessed White DALI Track, 3 m ( 9000-3/W-R)**<br>Length: 3000mm; Type of track: Standard.<br>Material:Aluminium, colour:White, processing:Coating. | | White | 80992 |

| | | | Code |
|---|---|---|---|
| | **Power supply - White Right power supply header (9001/W)**<br>Material:PC, colour:white. | | 81033 |
| | **Power supply - Black left power supply header (9002/B)**<br>Material:PC, colour:black. | | 81037 |

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# Pound_T

Pound_T | Projectors | Accessories
**82230W15**

| | Finish | Code |
|---|---|---|
| Junction - White power supply junction - central (9010/W)<br>Type linear.<br>Material:PC, colour:white. | White | 81042 |
| Junction - Black power supply junction - centrale (9010/B)<br>Type linear.<br>Material:PC, colour:black. | Black | 81043 |
| Track - Three-phase Recessed Black DALI Track, 2 m (9000-1/B-R)<br>Length: 2000mm; Type of track: Standard.<br>Material:Aluminium, colour:Black, processing:Coating. | Black | 80994 |
| Power supply - White left power supply header (9002/W)<br>Material:PC, colour:white. | | 81036 |
| Junction - Left white T junction - external (9013/W)<br>Type linear.<br>Material:PC, colour:white. | White | 81051 |
| Junction - Black left T junction - external (9013/B)<br>Type linear.<br>Material:PC, colour:black. | Black | 81052 |
| Track<br>Length: 2000mm; Type of track: Standard.<br>Material:Aluminium, colour:White, processing:Coating. | White | 83337 |
| Track<br>Length: 2000mm; Type of track: Standard.<br>Material:Aluminium, colour:Black, processing:Coating. | Black | 83340 |

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# Pound_T

| | | | | Finish | Code |
|---|---|---|---|---|---|
| | | Junction - Flexible white junction (9018/W) | | White | 81066 |
| | | Type flexible curve. | | | |
| | | Material:PC, colour:white. | | | |

| | | | | | Code |
|---|---|---|---|---|---|
| | | Closing cap - White end cap 9004/W | | | 80999 |
| | | Material:PC, colour:white. | | | |

| | | | | Finish | Code |
|---|---|---|---|---|---|
| | | Junction - White electrical junction - internal (9003/W) | | White | 81039 |
| | | Type linear. | | | |
| | | Material:PC, colour:white. | | | |

| | | | | Finish | Code |
|---|---|---|---|---|---|
| | | Track - Three-phase Recessed Black DALI Track, 3 m (9000-3/B-R) | | Black | 80995 |
| | | Length: 3000mm; Type of track: Standard. | | | |
| | | Material:Aluminium, colour:Black, processing:Coating. | | | |

| | | | | Finish | Code |
|---|---|---|---|---|---|
| | | Junction - Right white T junction - external (9014/W) | | White | 81054 |
| | | Type linear. | | | |
| | | Material:PC, colour:white. | | | |

| | | | | Finish | Code |
|---|---|---|---|---|---|
| | | Junction - Black electrical junction - internal (9003/B) | | Black | 81040 |
| | | Type linear. | | | |
| | | Material:PC, colour:black. | | | |

| | | | | Finish | Code |
|---|---|---|---|---|---|
| | | Junction - White L junction - internal (9011/W) | | White | 81045 |
| | | Type linear. | | | |
| | | Material:PC, colour:white. | | | |

| | | | | Finish | Code |
|---|---|---|---|---|---|
| | | Junction - Flexible black junction (9018/B) | | Black | 81067 |
| | | Type flexible curve. | | | |
| | | Material:PC, colour:black. | | | |

# Pound_T

Pound_T | Projectors | Accessories
**82230W15**

| | | | **Code** |
|---|---|---|---|
| | Power supply - Black Right power supply header (9001/B)<br>Material:PC, colour:black. | | 81034 |

| | **Finish** | **Code** |
|---|---|---|
| Junction - White X junction (9017/W)<br>Type linear.<br>Material:PC, colour:white. | White | 81063 |

| | **Finish** | **Code** |
|---|---|---|
| Track - Three-phase Recessed White DALI Track, 1 m (9000-1/W-R)<br>Length: 1000mm; Type of track: Standard.<br>Material:Aluminium, colour:White, processing:Coating. | White | 80990 |

| | **Code** |
|---|---|
| Closing cap - Black end cap 9004/B<br>Material:PC, colour:black. | 81000 |

| | **Finish** | **Code** |
|---|---|---|
| Junction - Left black T junction - internal (9015/B)<br>Type linear.<br>Material:PC, colour:black. | Black | 81058 |

| | **Finish** | **Code** |
|---|---|---|
| Junction - Right black T junction - internal (9016/B)<br>Type linear.<br>Material:PC, colour:black. | Black | 81061 |

| | **Code** |
|---|---|
| Closing cap - Recessed white end cap 9004-R/W<br>Material:PC, colour:white. | 81002 |

| | **Finish** | **Code** |
|---|---|---|
| Junction - Left white T junction - internal (9015/W)<br>Type linear.<br>Material:PC, colour:white. | White | 81057 |

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Pound_T | Projectors | Accessories
**82230W15**

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| | | Finish | Code |
|---|---|---|---|
| Junction - Black L junction - internal (9011/B)<br>Type linear.<br>Material:PC, colour:black. | | Black | 81046 |

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| | | Finish | Code |
|---|---|---|---|
| Junction - Right White T junction - internal (9016/W)<br>Type linear.<br>Material:PC, colour:white. | | White | 81060 |

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| | | Finish | Code |
|---|---|---|---|
| Junction - Black L junction - external (9012/B)<br>Type linear.<br>Material:PC, colour:black. | | Black | 81049 |

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| | Code |
|---|---|
| Ceiling rose - 5m black pendant luminaires kit + bracket (9000-KIT5-5-B)<br>Material:plastic, colour:black. | 81015 |

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| | Code |
|---|---|
| Suspensions - White rigid suspension 1m (S-9000-P3-W)<br>Material:plastic, colour:white. | 81021 |

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| | Code |
|---|---|
| Suspensions - Black rigid suspension 1m (S-9000-P3-B)<br>Material:plastic, colour:black. | 81022 |

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| | Code |
|---|---|
| Closing cap - Recessed black end cap 9004-R/B<br>Material:PC, colour:black. | 81003 |

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| | Code |
|---|---|
| Ceiling rose - 5m white pendant luminaires kit + bracket (9000-KIT5-5-W)<br>Material:plastic, colour:white. | 81013 |

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Pound_T | Projectors | Accessories
**82230W15**

| | | | Code |
|---|---|---|---|
| | Ceiling rose - 1.5m white pendant luminaires kit + bracket (9000-KIT5-1,5-W) Material:plastic, colour:white. | | 81012 |

| | | | Code |
|---|---|---|---|
| | Ceiling rose - 1.5m black pendant luminaires kit + bracket ((9000-KIT5-1,5-B) Material:plastic, colour:black. | | 81014 |

| | | Finish | Code |
|---|---|---|---|
| | Bracket - Anodized fixing bracket (S-9000/131) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:translucent. | Anod. Al. | 81086 |

| | | Finish | Code |
|---|---|---|---|
| | Bracket - White fixing braket (S-9000/131-W) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:white, processing:Coating. | White | 81087 |

| | | Finish | Code |
|---|---|---|---|
| | Bracket - Black fixing braket (S-9000/131-B) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:Black, processing:Coating. | Black | 81088 |

| | | | Code |
|---|---|---|---|
| | Cable cover - White cover for recessed L junction (S-9011-R/6-W) Material:PC, colour:white. | | 81075 |

| | | | Code |
|---|---|---|---|
| | Cable cover - Black cover for recessed X junction (S-9017-R/6-B) Material:PC, colour:black. | | 81082 |

| | | | Code |
|---|---|---|---|
| | White three-phase adapter (9009-4/W) | | 81091 |

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# Pound_T
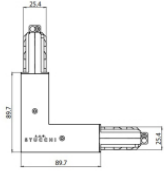
| | | | Finish | Code |
|---|---|---|---|---|
| | Junction - White L junction - external (9012/W)<br>Type linear.<br>Material:PC, colour:white. | | White | 81048 |

| | | | Code |
|---|---|---|---|
| | Black trhee-phase adapter (9009-4/B) | | 81093 |

| | | | Code |
|---|---|---|---|
| | Suspensions - 1.5m white pendant luminaires kit (9000-KIT3-1,5-W)<br>Material:plastic, colour:white. | | 81006 |

| | | | Code |
|---|---|---|---|
| | Cable cover - White recessed cover (S-9001-R/6-W)<br>Material:PC, colour:white. | | 81069 |

| | | | Code |
|---|---|---|---|
| | Suspensions - 5m white pendant luminaires kit (9000-KIT3-5-W)<br>Material:plastic, colour:white. | | 81007 |

| | | | Code |
|---|---|---|---|
| | Tool - Cutter S-9000/T | | 81005 |

| | | | Finish | Code |
|---|---|---|---|---|
| | Junction - Right black T junction - external (9014/B)<br>Type linear.<br>Material:PC, colour:black. | | Black | 81055 |

| | | | Code |
|---|---|---|---|
| | Suspensions - White rigid suspension clip (S-9000-P2-W)<br>Material:plastic, colour:white. | | 81018 |
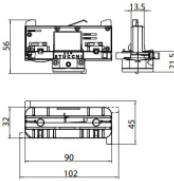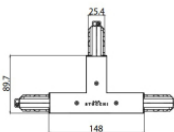
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# Pound_T

| | | Finish | Code |
|---|---|---|---|
| Cable cover - Black recessed cover (S-9001-R/6-B) Material:PC, colour:black. | | | **Code** 81070 |

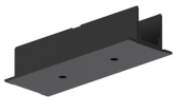| | | Finish | Code |
|---|---|---|---|
| Cable cover - White cover for recessed X junction (S-9017-R/6-W) Material:PC, colour:white. | | | **Code** 81081 |

Bracket - Black stiffening bracket (S-9000/333-B)
 L=180mm, H=24mm, D=20mm.
Material:Aluminium, colour:black RAL 9005, processing:Coating.

**Finish** Black   **Code** 81026

Cable cover - White cover for recessed junction (S-9010-R/6-W)
Material:PC, colour:white.

**Code** 81072

Suspensions - 1.5m black pendant luminaires kit (9000-KIT3-1,5-B)
Material:plastic, colour:black.

**Code** 81008

Junction - Black X junction (9017/B)
Type linear.
Material:PC, colour:black.

**Finish** Black   **Code** 81064

Cable cover - Black cover for recessed T junction (S-9013-R/6-B)
Material:PC, colour:black.

**Code** 81079

Cable cover
Material:white.

**Code** 83249

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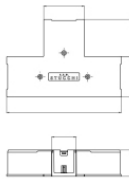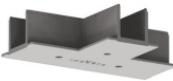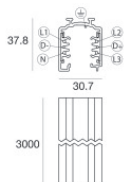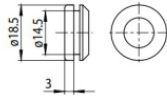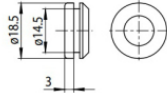| | | | Finish | Code |
|---|---|---|---|---|
| | Bracket - Anodized stiffening bracket (S-9000/333) L=180mm, H=24mm, D=26mm. Material:Aluminium, colour:Anodised Aluminum, processing:Anodisation. | | | 81024 |
| | Bracket - White stiffening bracket (S-9000/333-W) L=180mm, H=24mm, D=20mm. Material:Aluminium, colour:white RAL 9010, processing:Coating. | | White | 81025 |
| | Cable cover - Black cover for recessed junction (S-9010-R/6-B) Material:PC, colour:black. | | | 81073 |
| | Cable cover - White cover for recessed T junction (S-9013-R/6-W) Material:PC, colour:white. | | | 81078 |
| | Suspensions - Black rigid suspension clip (S-9000-P2-B) Material:plastic, colour:black. | | | 81019 |
| | Suspensions - 5m black pendant luminaires kit (9000-KIT3-5-B) Material:plastic, colour:black. | | | 81009 |
| | Cable cover Material:black, colour:black. | | | 83250 |
| | Track Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating. | | White | 83338 |
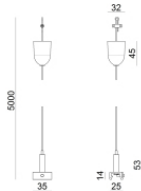
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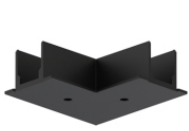
| | | | | |
|---|---|---|---|---|
| | | Cable cover<br>Material:PC, colour:black. | **Code**<br>81076 | |

| | | | | |
|---|---|---|---|---|
| | | Closing cap - White gasket (S-9001/115-W)<br>Material:white. | **Code**<br>81084 | |

| | | | | |
|---|---|---|---|---|
| | | Closing cap - Black gasket (S-9001/115-B)<br>Material:black, colour:black. | **Code**<br>81085 | |

| | | | | |
|---|---|---|---|---|
| | | White three-phase/DALI adapter (9009/W) | **Code**<br>81094 | |

| | | | | |
|---|---|---|---|---|
| | | Black three-phase/DALI adapter (9009/B) | **Code**<br>81095 | |

| | | | | |
|---|---|---|---|---|
| | | Electronic accessory - TWIL-DALI controller for devices with DALI protocol installed on three-phase track.<br>installation position: ceiling L=90mm, H=124mm, D=45mm.<br>Material:ABS Plastic, colour:black. | **Code**<br>C-E700008 | |
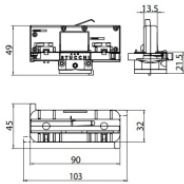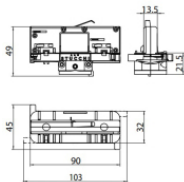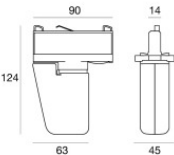
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