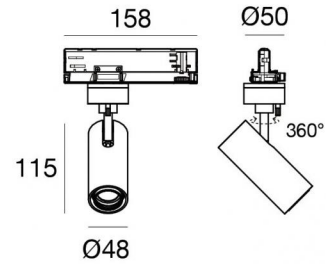




Projectors | 198-264 V
1 arrayLED 13 W DC - 15.5 W AC | CRI 90
82227W30



| Technical data | |
|--|------------------|
| Type | Track |
| Installation position | Ceiling |
| Installation environment | Indoor |
| Light Source | LED |
| Circuit structure | arrayLED |
| Optics | Flood |
| Light emission direction | frontal |
| Nominal power | 13 W DC |
| Total Power | 15.5 W |
| Source lumens | 1578 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 | 0.39 Kg |
| Electrostatic discharge protection | Yes |
| Surge protection | 2 KV |
| Optics technology | Anti - Glare |

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



Projectors | 198-264 V | 1 arrayLED 13 W DC - 15.5 W AC | CRI 90 | Base
82227W30

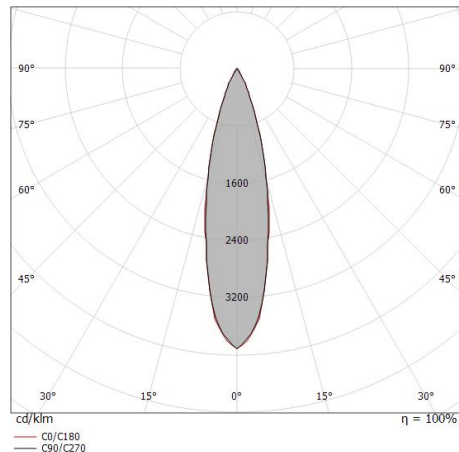
Single emission projectors for indoor application. The warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1578 lm, with a 121.4 lm/W nominal luminous efficacy.

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 0.39 kg.

The total absorbed power is 15.5 W.

The device features protection class II and can be ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 0.23 0.23 | E(0°) 17303 E(C90) 8086 E(C0) 8050 |
| 1.0 | 0.45 0.47 | E(0°) 4326 E(C90) 2022 E(C0) 2012 |
| 1.5 | 0.68 0.70 | E(0°) 1923 E(C90) 998 E(C0) 894 |
| 2.0 | 0.90 0.93 | E(0°) 1081 E(C90) 505 E(C0) 503 |
| 2.5 | 1.13 1.16 | E(0°) 692 E(C90) 323 E(C0) 322 |
| 3.0 | 1.35 1.40 | E(0°) 481 E(C90) 225 E(C0) 224 |

— C0/C180 (Half-peak divergence: 26.2°)
— C90/C270 (Half-peak divergence: 25.4°)

Energy efficiency class

This product contains a light source of energy efficiency class E.

Illuminotechnical Features

| | |
|--|----------------|
| Light Output Ratio (LOR) | 70 % |
| Source lumens | 1578 lm |
| Delivered lumens | 1105 lm |
| Consumption | 15.5 W |
| Luminaire efficacy | 71 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)

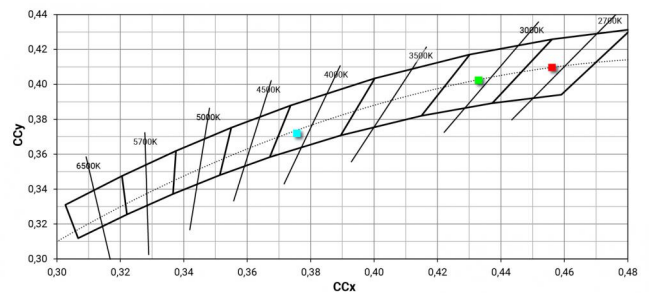
UGR

| | |
|-------------------|----------|
| UGR axial | 16.4 |
| UGR transversal | 16.1 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 25° |
| Light distribution simmetry | Symmetrical |

COLOR VECTOR GRAPHIC





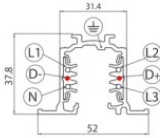
| | | |
|--|--|-------------------------------------|
| | <p>Optics Light distribution: spot,Cover material: uv resistant polycarbonate</p> | <p>Code <u>99805</u></p> |
| | <p>Optics Light distribution: medium flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate</p> | <p>Code <u>99806</u></p> |
| | <p>Optics Light distribution: flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate</p> | <p>Code <u>99807</u></p> |
| | <p>Anti-glare Anti-glare Type: 45° cylindrical screen. Material:Pom-C, colour:Black.</p> | <p>Code <u>99773</u></p> |
| | <p>Anti-glare Anti-glare Type: cylindrical screen. Material:Pom-C, colour:Black.</p> | <p>Code <u>99774</u></p> |
| | <p>Diffuser Diffuser Type: elliptical filter. Material:Pom-C, colour:Black.</p> | <p>Code <u>99775</u></p> |
| | <p>Anti-glare Anti-glare Type: honeycomb louvre. Material:Pom-C, colour:Black.</p> | <p>Code <u>99776</u></p> |
| | <p>Anti-glare Anti-glare Type: cross louvres. Material:Pom-C, colour:Black.</p> | <p>Code <u>99777</u></p> |



| | | | |
|--|--|---|--|
| | | <p>Track Length: 1000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.</p> | <p>Finish Code White 83336</p> |
| | | <p>Track Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.</p> | <p>Finish Code White 83337</p> |
| | | <p>Track - Three-phase Recessed White DALI Track, 2 m (9000-2/W-R) Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.</p> | <p>Finish Code White 80991</p> |
| | | <p>Track Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.</p> | <p>Finish Code Black 83340</p> |
| | | <p>Track - Three-phase Recessed Black DALI Track, 3 m (9000-3/B-R) Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.</p> | <p>Finish Code Black 80995</p> |
| | | <p>Power supply - White Right power supply header (9001/W) Material:PC, colour:white.</p> | <p>Code 81033</p> |
| | | <p>Power supply - Black Right power supply header (9001/B) Material:PC, colour:black.</p> | <p>Code 81034</p> |
| | | <p>Track - Three-phase Recessed Black DALI Track, 2 m (9000-1/B-R) Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.</p> | <p>Finish Code Black 80994</p> |

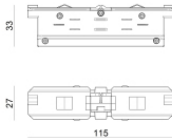


| | | | |
|--|--|---|---|
| | | <p>Track Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.</p> | <p>Finish White</p> <p>Code 83338</p> |
| | | <p>Junction - Black power supply junction - centrale (9010/B) Type linear. Material:PC, colour:black.</p> | <p>Finish Black</p> <p>Code 81043</p> |
| | | <p>Junction - White power supply junction - central (9010/W) Type linear. Material:PC, colour:white.</p> | <p>Finish White</p> <p>Code 81042</p> |
| | | <p>Junction - Left white T junction - external (9013/W) Type linear. Material:PC, colour:white.</p> | <p>Finish White</p> <p>Code 81051</p> |
| | | <p>Junction - Black left T junction - external (9013/B) Type linear. Material:PC, colour:black.</p> | <p>Finish Black</p> <p>Code 81052</p> |
| | | <p>Power supply - White left power supply header (9002/W) Material:PC, colour:white.</p> | <p>Code 81036</p> |
| | | <p>Junction - Flexible white junction (9018/W) Type flexible curve. Material:PC, colour:white.</p> | <p>Finish White</p> <p>Code 81066</p> |
| | | <p>Closing cap - White end cap 9004/W Material:PC, colour:white.</p> | <p>Code 80999</p> |



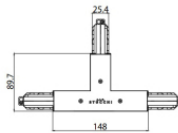
Track - Three-phase Recessed White DALI Track, 1 m (9000-1/W-R)
Length: 1000mm; Type of track: Standard.
Material:Aluminium, colour:White, processing:Coating.

| Finish | Code |
|--------|-------|
| White | 80990 |



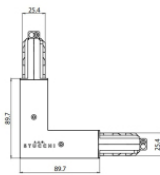
Junction - White electrical junction - internal (9003/W)
Type linear.
Material:PC, colour:white.

| Finish | Code |
|--------|-------|
| White | 81039 |



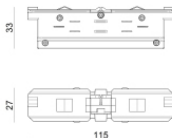
Junction - Right white T junction - external (9014/W)
Type linear.
Material:PC, colour:white.

| Finish | Code |
|--------|-------|
| White | 81054 |



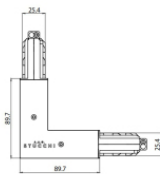
Junction - White L junction - internal (9011/W)
Type linear.
Material:PC, colour:white.

| Finish | Code |
|--------|-------|
| White | 81045 |



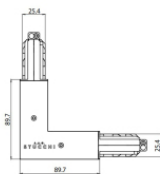
Junction - Black electrical junction - internal (9003/B)
Type linear.
Material:PC, colour:black.

| Finish | Code |
|--------|-------|
| Black | 81040 |



Junction - White L junction - external (9012/W)
Type linear.
Material:PC, colour:white.

| Finish | Code |
|--------|-------|
| White | 81048 |



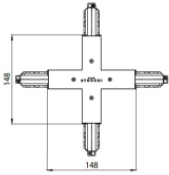
Junction - Black L junction - external (9012/B)
Type linear.
Material:PC, colour:black.

| Finish | Code |
|--------|-------|
| Black | 81049 |



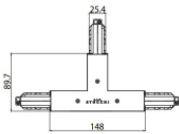
Closing cap - Black end cap 9004/B
Material:PC, colour:black.

| Code |
|-------|
| 81000 |



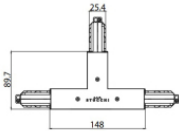
Junction - Black X junction (9017/B)
Type linear.
Material:PC, colour:black.

| Finish | Code |
|--------|-------|
| Black | 81064 |



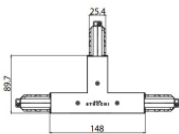
Junction - Left white T junction - internal (9015/W)
Type linear.
Material:PC, colour:white.

| Finish | Code |
|--------|-------|
| White | 81057 |



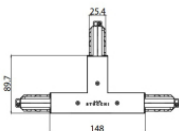
Junction - Left black T junction - internal (9015/B)
Type linear.
Material:PC, colour:black.

| Finish | Code |
|--------|-------|
| Black | 81058 |



Junction - Right White T junction - internal (9016/W)
Type linear.
Material:PC, colour:white.

| Finish | Code |
|--------|-------|
| White | 81060 |



Junction - Right black T junction - internal (9016/B)
Type linear.
Material:PC, colour:black.

| Finish | Code |
|--------|-------|
| Black | 81061 |



Closing cap - Recessed white end cap 9004-R/W
Material:PC, colour:white.

| Code |
|-------|
| 81002 |



Closing cap - Recessed black end cap 9004-R/B
Material:PC, colour:black.

| Code |
|-------|
| 81003 |

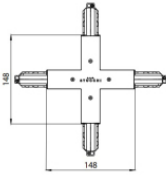
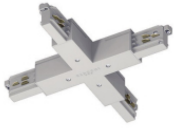


Ceiling rose - 1.5m white pendant luminaires kit + bracket (9000-KIT5-1,5-W)
Material:plastic, colour:white.

| Code |
|-------|
| 81012 |



| | | | |
|--|--|---|---|
| | | <p>Ceiling rose - 1.5m black pendant luminaires kit + bracket ((9000-KIT5-1,5-B) Material:plastic, colour:black.</p> | <p>Code 81014</p> |
| | | <p>Ceiling rose - 5m white pendant luminaires kit + bracket (9000-KIT5-5-W) Material:plastic, colour:white.</p> | <p>Code 81013</p> |
| | | <p>Junction - Black L junction - internal (9011/B) Type linear. Material:PC, colour:black.</p> | <p>Finish Black</p> <p>Code 81046</p> |
| | | <p>Suspensions - White rigid suspension 1m (S-9000-P3-W) Material:plastic, colour:white.</p> | <p>Code 81021</p> |
| | | <p>Suspensions - Black rigid suspension 1m (S-9000-P3-B) Material:plastic, colour:black.</p> | <p>Code 81022</p> |
| | | <p>Bracket - Anodized fixing bracket (S-9000/131) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:translucent.</p> | <p>Finish Anod. Al.</p> <p>Code 81086</p> |
| | | <p>Bracket - White fixing braket (S-9000/131-W) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:white, processing:Coating.</p> | <p>Finish White</p> <p>Code 81087</p> |
| | | <p>Bracket - Black fixing braket (S-9000/131-B) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:Black, processing:Coating.</p> | <p>Finish Black</p> <p>Code 81088</p> |



Junction - White X junction (9017/W)
Type linear.
Material:PC, colour:white.

| Finish | Code |
|--------|-------|
| White | 81063 |



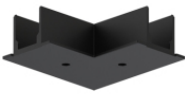
Ceiling rose - 5m black pendant luminaires kit + bracket (9000-KIT5-5-B)
Material:plastic, colour:black.

| Code |
|-------|
| 81015 |



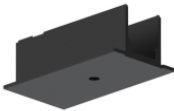
Cable cover - White cover for recessed L junction (S-9011-R/6-W)
Material:PC, colour:white.

| Code |
|-------|
| 81075 |



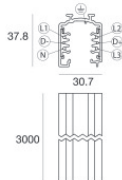
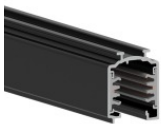
Cable cover
Material:PC, colour:black.

| Code |
|-------|
| 81076 |



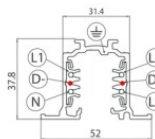
Cable cover - Black recessed cover (S-9001-R/6-B)
Material:PC, colour:black.

| Code |
|-------|
| 81070 |



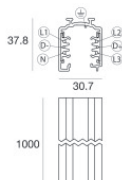
Track
Length: 3000mm; Type of track: Standard.
Material:Aluminium, colour:Black, processing:Coating.

| Finish | Code |
|--------|-------|
| Black | 83341 |



Track - Three-phase Recessed White DALI Track, 3 m (9000-3/W-R)
Length: 3000mm; Type of track: Standard.
Material:Aluminium, colour:White, processing:Coating.

| Finish | Code |
|--------|-------|
| White | 80992 |



Track
Length: 1000mm; Type of track: Standard.
Material:Aluminium, colour:Black, processing:Coating.

| Finish | Code |
|--------|-------|
| Black | 83339 |



| | | | | |
|--|---|---|----------------------|---------------------|
| | <p>Tool - Cutter S-9000/T</p> | <p>Code</p> | | |
| | | <p><u>81005</u></p> | | |
| | | <p>Junction - Flexible black junction (9018/B) Type flexible curve. Material:PC, colour:black.</p> | <p>Finish</p> | <p>Code</p> |
| | | | <p>Black</p> | <p><u>81067</u></p> |
| | | <p>Cable cover - White recessed cover (S-9001-R/6-W) Material:PC, colour:white.</p> | <p>Code</p> | |
| | | | <p><u>81069</u></p> | |
| | <p>Suspensions - 5m white pendant luminaire kit (9000-KIT3-5-W) Material:plastic, colour:white.</p> | <p>Code</p> | | |
| | | | <p><u>81007</u></p> | |
| | | <p>Suspensions - 5m black pendant luminaire kit (9000-KIT3-5-B) Material:plastic, colour:black.</p> | <p>Code</p> | |
| | | | <p><u>81009</u></p> | |
| | | <p>Suspensions - 1.5m black pendant luminaire kit (9000-KIT3-1,5-B) Material:plastic, colour:black.</p> | <p>Code</p> | |
| | | | <p><u>81008</u></p> | |
| | <p>Suspensions - Black rigid suspension clip (S-9000-P2-B) Material:plastic, colour:black.</p> | <p>Code</p> | | |
| | | | <p><u>81019</u></p> | |
| | | <p>Cable cover - White cover for recessed X junction (S-9017-R/6-W) Material:PC, colour:white.</p> | <p>Code</p> | |
| | | | <p><u>81011</u></p> | |



| | | | |
|--|--|--|--|
| | | <p>Black three-phase adapter (9009-4/B)</p> | <p>Code 81093</p> |
| | | <p>Bracket - Black stiffening bracket (S-9000/333-B) L=180mm, H=24mm, D=20mm. Material:Aluminium, colour:black RAL 9005, processing:Coating.</p> | <p>Finish Black Code 81026</p> |
| | | <p>Power supply - Black left power supply header (9002/B) Material:PC, colour:black.</p> | <p>Code 81037</p> |
| | | <p>Track - Three-phase Recessed Grey DALI Track, 1 m (9000-1/B-R) Length: 1000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.</p> | <p>Finish Black Code 80993</p> |
| | | <p>Cable cover - Black cover for recessed X junction (S-9017-R/6-B) Material:PC, colour:black.</p> | <p>Code 81082</p> |
| | | <p>Bracket - White stiffening bracket (S-9000/333-W) L=180mm, H=24mm, D=20mm. Material:Aluminium, colour:white RAL 9010, processing:Coating.</p> | <p>Finish White Code 81025</p> |
| | | <p>Cable cover - White cover for recessed T junction (S-9013-R/6-W) Material:PC, colour:white.</p> | <p>Code 81078</p> |
| | | <p>Suspensions - White rigid suspension clip (S-9000-P2-W) Material:plastic, colour:white.</p> | <p>Code 81018</p> |

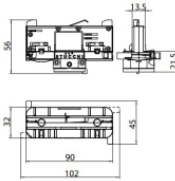


| | | | |
|--|--|--|--|
| | <p>Cable cover Material:black, colour:black.</p> | <p>Code 83250</p> | |
| | <p>Cable cover Material:white.</p> | <p>Code 83249</p> | |
| | | <p>Junction - Right black T junction - external (9014/B) Type linear. Material:PC, colour:black.</p> | <p>Finish Black Code 81055</p> |
| | | <p>Cable cover - White cover for recessed junction (S-9010-R/6-W) Material:PC, colour:white.</p> | <p>Code 81072</p> |
| | | <p>Bracket - Anodized stiffening bracket (S-9000/333) L=180mm, H=24mm, D=26mm. Material:Aluminium, colour:Anodised Aluminum, processing:Anodisation.</p> | <p>Finish Code 81024</p> |
| | | <p>Closing cap - White gasket (S-9001/115-W) Material:white.</p> | <p>Code 81084</p> |
| | | <p>Cable cover - Black cover for recessed T junction (S-9013-R/6-B) Material:PC, colour:black.</p> | <p>Code 81079</p> |
| | | <p>Cable cover - Black cover for recessed junction (S-9010-R/6-B) Material:PC, colour:black.</p> | <p>Code 81073</p> |



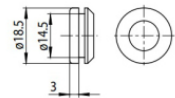
Suspensions - 1.5m white pendant luminaires kit (9000-KIT3-1,5-W)
Material:plastic, colour:white.

Code
81006



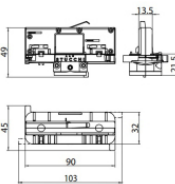
White three-phase adapter (9009-4/W)

Code
81091



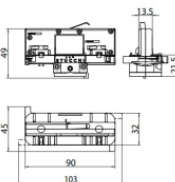
Closing cap - Black gasket (S-9001/115-B)
Material:black, colour:black.

Code
81085



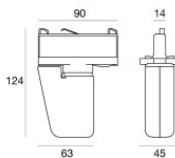
White three-phase/DALI adapter (9009/W)

Code
81094



Black three-phase/DALI adapter (9009/B)

Code
81095



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

Code
C-E700008