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# OPTIC TRACK L 36° BLACK 3000K

Dimmable tracklights with replaceable LED and driver – built for the future. With reflector technology, high luminous efficacy is ensured with distinct and clear light distribution – perfect as accent lighting when you want to direct the light onto what you want to highlight, but also as general lighting in both private and public environments. Low-build universal adapter for 3-phase track. For improved glare reduction, the Honeycomb accessory can be added to the luminaire. You can easily replace the reflector with a lens accessory to adjust the light distribution as needed (XS, XXS). Suitable for most 3-phase track systems, e.g. Global Trac, (Erco for phase dimming).

## DESCRIPTION

| | |
|---|---|
| **GTIN:** | 7392971140971 |
| **Item Name:** | Optic Track L 36° Black 3000K |
| **Warranty:** | 5 years |

## LIGHT TECHNICAL DATA

| | |
|---|---|
| **Max. Luminaire Lumen (lm):** | 2900 |
| **Light Source:** | LED |
| **Replaceability:** | Replaceable LED by professional, Replaceable Control gear by professional |
| **LED Colour:** | Warm White |
| **Colour Temperature (K):** | 3000 |
| **Colour Rendering Index (Ra):** | >90 |
| **Colour Consistency (SDCM):** | 3 |
| **Luminous Intensity (cd):** | 4900 |
| **Beam Angle (°):** | 36 |
| **Light sharing:** | Symmetric |
| **Light Outlet:** | Direct |
| **Number of Lamps (pcs):** | 1 |
| **Number of LED (pcs):** | 1 |
| **Life Time:** | h Ta °C |
| **Nominel Life Time (h):** | 100000 |
| **Lumen maintenance 50 000h:** | L91 |
| **Lumen maintenance 75 000h:** | L87 |
| **Lumen maintenance 100 000h:** | L83 |
| **LLMF @ 50 000h:** | 0.91 |
| **LLMF @ 100 000h:** | 0.83 |
| **Life Time Driver:** | 50 000h/10% |
| **Flicker (PstLM):** | 0,026 |
| **Stroboscopic effect (SVM):** | 0,029 |

## TECHNICAL DATA

| | |
|---|---|
| **Adjustable:** | Yes |
| **Tiltable (°):** | 90 |
| **Rotatable (°):** | 355 |
| **Voltage (type):** | AC |
| **Voltage Interval (V):** | 220...240V |
| **Voltage Nominal (V):** | 230 |
| **Line Frequency (Hz):** | 50, 60 |
| **Power LED (W):** | 27,2 |
| **Max. Power Luminaire (W):** | 31 |
| **Max. System Power (W):** | 31 |
| **Max. Efficiency Luminaire (lm/W):** | 93,5 |
| **Max. Efficiency System (lm/W):** | 93,5 |
| **Containing light source energy efficiency class (EU) 2019/2015:** | F |
| **Eprel registration number:** | 869722 |

## OPERATION AND CONNECTION

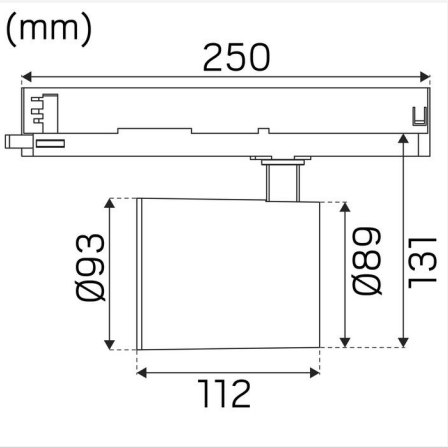
| | |
|---|---|
| **Dimmable:** | Yes |
| **Type of Dimming:** | Trailing Edge |
| **Driver Included:** | Yes - replaceable |
| **Driver Model:** | Constant Current |
| **Driver Type:** | Built-in |
| **Connection (type):** | 3-phase universal adapter |
| **Power Factor λ:** | 0,92 |
| **Efficiency (%):** | 86 |
| **Power loss (W):** | 4,34 |
| **Leakage current (mA) (at 230 V, 50 Hz, full load):** | 0,25 |
| **THD (%):** | 20 |
| **Constant Current (mA):** | 800 |
| **Min. Ta (°C):** | -20 |
| **Max. Ta (°C):** | 35 |
| **Operating Temperature:** | -20...+35°C |
| **Max. Tc (°C):** | 85 |
| **Dimming secondary side:** | AM |
| **Suitable for random switching:** | Yes |
| **Inrush current (max/time):** | 30A 500µs |
| **Mains surge protection DM (kV):** | 2 |
| **Fuse B10 (pcs):** | 10 |
| **Fuse B16 (pcs):** | 16 |
| **Fuse C10 (pcs):** | 16 |
| **Fuse C16 (pcs):** | 26 |

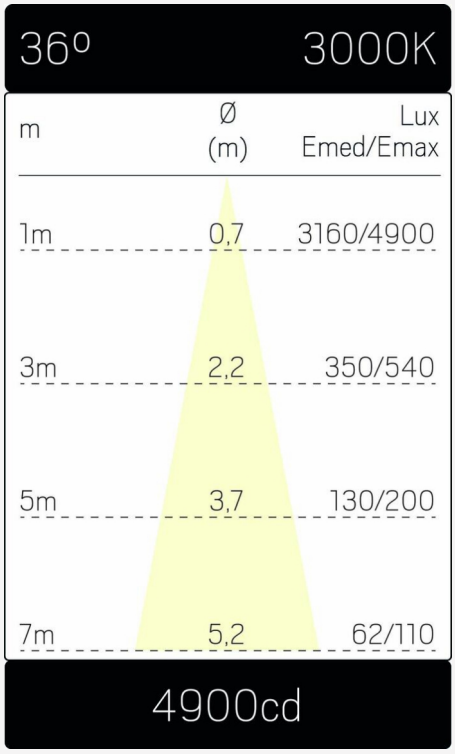
## COLOR AND MATERIAL

| | |
|---|---|
| **Material:** | Aluminium |
| **Color:** | Black |
| **Environmental Assessment:** | Byggvarubedömningen |
| **SCIP:** | 55eb7e0c-2d7f-4eb8-a2f5-6cc230414122 |

## MEASUREMENT AND INSTALLATION

| | |
|---|---|
| **Operating Environment:** | Indoor / dry locations |
| **IP Degree of Protection:** | 20 |
| **Protection Class:** | II |
| **Installation:** | Light-track mounting |
| **Mounting Installation:** | 3-phase Universal Adapter |
| **Approval Marks:** | CE, a Hide-a-lite Choice |
| **Filament Test IEC 695-2-1(°C):** | 650 |
| **Length (mm):** | 250 |
| **Height (mm):** | 172 |
| **Diameter (mm):** | 93 |
| **Weight (kg):** | 0,9 |


(mm)
250
Ø93
Ø89
131
112


36º
3000K
m
Ø (m)
Lux Emed/Emax
1m
0,7
3160/4900
3m
2,2
350/540
5m
3,7
130/200
7m
5,2
62/110
4900cd

B