



LITELINE IP65 1200 840 S

Highly efficient fluorescent tube replacement. Sliding multi-fasteners and separate connection space in end caps. 5x2.5mm² push-in terminals for through wiring as standard, M20 fitting and knockouts in each end cap for easy installation. Adapted for installation on luminaire rail, keyhole for installation in ceiling and integrated wire suspension with hook and hook lock. D-marked, IP65 and IK09-classed for installation in rougher environments and areas with heightened fire risk. Adjustable lumen output via DIP-switch Power (On/Off and S). Suitable for example in car parks and dusty and dirty industries.

DESCRIPTION

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|-------------------|--------------------------|
| GTIN: | 7392971138947 |
| Item Name: | Liteline IP65 1200 840 S |
| Warranty: | 5 years |

LIGHT TECHNICAL DATA

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|-------------------------------------|---|
| Max. Luminaire Lumen (lm): | 6490 |
| Light Source: | LED |
| Light Source Included: | Yes |
| Replaceability: | Non-replaceable LED, Replaceable Control gear by professional |
| LED Colour: | White |
| Colour Temperature (K): | 4000 |
| Colour Rendering Index (Ra): | >80 |
| Colour Consistency (SDCM): | 3 |
| Luminous Intensity (cd): | 1570 |
| Beam Angle (°): | 115 |
| Light sharing: | Symmetric |
| Light Outlet: | Direct |
| Number of Lamps (pcs): | 1 |
| Number of LED (pcs): | 224 |
| Life Time: | h Ta °C |
| Nominal Life Time (h): | 100000 |
| Lumen maintenance 50 000h: | L88 |
| Lumen maintenance 100 000h: | L80 |
| LLMF @ 50 000h: | 0.88 |
| LLMF @ 100 000h: | 0.8 |
| Life Time Driver: | 50 000h/10% |
| Flicker (PstLM): | 0,3 |
| Stroboscopic effect (SVM): | 0,2 |

TECHNICAL DATA

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|-----------------------------------|------------|
| Voltage (type): | AC |
| Voltage Interval (V): | 220...240V |
| Voltage Nominal (V): | 230 |
| Line Frequency (Hz): | 50, 60 |
| Max. Power Luminaire (W): | 53 |
| Max. System Power (W): | 53 |
| Max. Efficiency Luminaire (lm/W): | 122,5 |
| Max. Efficiency System (lm/W): | 122,5 |

Containing light source energy efficiency class (EU) 2019/2015: C

OPERATION AND CONNECTION

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|---------------------------------|------------------------------------|
| Dimmable: | No |
| Type of Dimming: | DIP-Switch Power, Microwave Sensor |
| Driver Included: | Yes |
| Driver Model: | Constant Current |
| Driver Type: | Built-in |
| Driver Manufacturer: | Osram |
| Connection (type): | Quick Terminal |
| Connection (mm ²): | 5x0,5-2,5 |
| Through Wiring: | Yes |
| Strain Relief: | Yes |
| Power Factor λ : | 0,98 |
| Efficiency (%): | 90 |
| Constant Current (mA): | 900, 1050, 1100, 1200 |
| Min. Ta (°C): | -20 |
| Max. Ta (°C): | 50 |
| Max. Tc (°C): | 70 |
| Protection Against: | Short Circuit, Overload |
| Inrush current (max/time): | 12,5A 180 μ s |
| Mains surge protection DM (kV): | 1 |
| Mains surge protection CM (kV): | 2 |
| Fuse B10 (pcs): | 25 |
| Fuse B16 (pcs): | 40 |
| Fuse C10 (pcs): | 25 |
| Fuse C16 (pcs): | 40 |

COLOR AND MATERIAL

| | |
|---------------------------|---|
| Material: | Extruded, Aluminium, Plastic, Polycarbonate |
| Color: | Aluminum/Light Grey |
| Environmental Assessment: | Byggvarubedömningen, EPD |

MEASUREMENT AND INSTALLATION

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|--------------------------------|--|
| Operating Environment: | Indoor / wet locations, Outdoor |
| IP Degree of Protection: | 65 |
| Protection Class: | I |
| Installation: | Surface mounted, Wire-cable installation |
| Mounting Installation: | Screw Mounting, Hook |
| Fire Safety Marks: | D-mark |
| Approval Marks: | CE |
| Impact Strength: | IK09 |
| Filament Test IEC 695-2-1(°C): | 850 |
| Length (mm): | 1345 |
| Width (mm): | 84 |
| Height (mm): | 84 |
| Weight (kg): | 2,89 |

