



## LITELINE IP65 1500 840

Highly efficient fluorescent tube replacement. Sliding multi-fasteners and separate connection space in end caps. 5x2.5mm<sup>2</sup> 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

<b>GTIN:</b>	7392971138954
<b>Item Name:</b>	Liteline IP65 1500 840
<b>Warranty:</b>	5 years

### LIGHT TECHNICAL DATA

<b>Max. Luminaire Lumen (lm):</b>	7800
<b>Light Source:</b>	LED
<b>Light Source Included:</b>	Yes
<b>Replaceability:</b>	Non-replaceable LED, Replaceable Control gear by professional
<b>LED Colour:</b>	White
<b>Colour Temperature (K):</b>	4000
<b>Colour Rendering Index (Ra):</b>	>80
<b>Colour Consistency (SDCM):</b>	3
<b>Luminous Intensity (cd):</b>	2040
<b>Beam Angle (°):</b>	115
<b>Light sharing:</b>	Symmetric
<b>Light Outlet:</b>	Direct
<b>Number of Lamps (pcs):</b>	1
<b>Number of LED (pcs):</b>	384
<b>Life Time:</b>	L80 100000h Ta 25°C
<b>Nominal Life Time (h):</b>	100000
<b>Lumen maintenance 50 000h:</b>	L88
<b>Lumen maintenance 100 000h:</b>	L80
<b>LLMF @ 50 000h:</b>	0.88
<b>LLMF @ 100 000h:</b>	0.8
<b>Life Time Driver:</b>	50 000h/10%
<b>Flicker (PstLM):</b>	0,3
<b>Stroboscopic effect (SVM):</b>	0,2

## TECHNICAL DATA

Voltage (type):	AC
Voltage Interval (V):	220...240V
Voltage Nominal (V):	230
Line Frequency (Hz):	50, 60
Max. Power Luminaire (W):	59
Max. System Power (W):	59
Max. Efficiency Luminaire (lm/W):	132,2
Max. Efficiency System (lm/W):	132,2
Containing light source energy efficiency class (EU) 2019/2015: C	

## OPERATION AND CONNECTION

Dimmable:	No
Type of Dimming:	OnOff, DIP-Switch Power
Driver Included:	Yes
Driver Model:	Constant Current
Driver Type:	Built-in
Driver Manufacturer:	Osram
Connection (type):	Quick Terminal
Connection (mm <sup>2</sup> ):	5x0,5-2,5
Through Wiring:	Yes
Strain Relief:	Yes
Power Factor $\lambda$ :	0,98
Efficiency (%):	89
Constant Current (mA):	900, 1050, 1100, 1200
Min. Ta (°C):	-25
Max. Ta (°C):	50
Max. Tc (°C):	80
Protection Against:	Short Circuit, Overload
Inrush current (max/time):	12,5A 180 $\mu$ 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:	EPD

## MEASUREMENT AND INSTALLATION

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):	1625
Width (mm):	84
Height (mm):	84
Weight (kg):	3,13

