



## LITELINE IP65 1500 840 BLUETOOTH

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>	7392971146898
<b>Item Name:</b>	Liteline IP65 1500 840 Bluetooth
<b>Warranty:</b>	5 years

### LIGHT TECHNICAL DATA

<b>Max. Luminaire Lumen (lm):</b>	6850
<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>	368
<b>Life Time:</b>	h Ta °C
<b>Nominal Life Time (h):</b>	100000
<b>Lumen maintenance 50 000h:</b>	L88
<b>Lumen maintenance 75 000h:</b>	L84
<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>	100 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
Power LED (W):	45
Max. Power Luminaire (W):	50
Max. System Power (W):	50
Max. Efficiency Luminaire (lm/W):	137
Max. Efficiency System (lm/W):	137

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

## OPERATION AND CONNECTION

Dimmable:	Yes
Type of Dimming:	Bluetooth, Push 230V, DALI 2, KoolMesh
Driver Included:	Yes
Driver Model:	Constant Current
Driver Type:	Built-in
Driver Manufacturer:	Tridonic
Connection (type):	Quick Terminal
Connection (mm2):	5x0,5-2,5
Through Wiring:	Yes
Strain Relief:	Yes
Power Factor $\lambda$ :	0,95
Efficiency (%):	89
Power loss (W):	0,4
Leakage current (mA) (at 230 V, 50 Hz, full load):	0,35
THD (%):	10
Standby Power:	0,5
Constant Current (mA):	350
Min. Ta (°C):	-25
Max. Ta (°C):	50
Max. Tc (°C):	60
Dimming secondary side:	AM
Protection Against:	Short Circuit, Overload
Inrush current (max/time):	31A 262 $\mu$ s
Mains surge protection DM (kV):	1
Mains surge protection CM (kV):	2
Fuse B10 (pcs):	10
Fuse B16 (pcs):	17
Fuse C10 (pcs):	16
Fuse C16 (pcs):	28

## COLOR AND MATERIAL

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

## MEASUREMENT AND INSTALLATION

<b>Operating Environment:</b>	Indoor / wet locations, Outdoor
<b>IP Degree of Protection:</b>	65
<b>Protection Class:</b>	I
<b>Installation:</b>	Surface mounted, Wire-cable installation
<b>Mounting Installation:</b>	Screw Mounting, Hook
<b>Fire Safety Marks:</b>	D-mark
<b>Approval Marks:</b>	CE
<b>Impact Strength:</b>	IK09
<b>Filament Test IEC 695-2-1(°C):</b>	850
<b>Length (mm):</b>	1625
<b>Width (mm):</b>	84
<b>Height (mm):</b>	83
<b>Weight (kg):</b>	3,29



