



LITELINE G2 IP44 1200 S EM

Highly efficient fluorescent tube replacement with various control options. Body of white enamelled steel sheet metal with folding patented end caps and prismatic cover in durable polycarbonate with an opal diffuser for even light outlet. Both end caps and cover are recycled plastic. Replaceable LED and driver, possible to choose colour temperature and adjust lumen output via DIP-switch. Quick terminal at both ends for simple through wiring. Through wiring 5x2,5mm² as standard. Liteline G2 is perfect where the light requirement is great and the quality requirement is high, such as production environments, garages and industrial premises.

DESCRIPTION

GTIN:	7392971149363
Item Name:	Liteline G2 IP44 1200 S EM
Warranty:	5 years

LIGHT TECHNICAL DATA

Max. Luminaire Lumen (lm):	6300
Light Source:	LED
Light Source Included:	Yes
Replaceability:	Replaceable LED by professional, Replaceable Control gear by professional
LED Colour:	Warm White
Colour Temperature (K):	3000, 4000
Colour Rendering Index (Ra):	>80
Colour Consistency (SDCM):	3
Luminous Intensity (cd):	2060
Beam Angle (°):	110
Light sharing:	Symmetric
Light Outlet:	Direct
Number of Lamps (pcs):	1
Number of LED (pcs):	1
Life Time:	h Ta °C
Nominal Life Time (h):	100000
Lumen maintenance 50 000h:	L91
Lumen maintenance 75 000h:	L87
Lumen maintenance 100 000h:	L82
LLMF @ 50 000h:	0.91
LLMF @ 100 000h:	0.82
Life Time Driver:	100 000h/20%
Flicker (PstLM):	1
Stroboscopic effect (SVM):	0,4

TECHNICAL DATA

Voltage (type):	AC
Voltage Interval (V):	220...240V
Voltage Nominal (V):	230
Line Frequency (Hz):	50, 60
Power LED (W):	35
Max. Power Luminaire (W):	40
Max. System Power (W):	40
Max. Efficiency Luminaire (lm/W):	158
Max. Efficiency System (lm/W):	158

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

OPERATION AND CONNECTION

Dimmable:	No
Type of Dimming:	DIP-Switch Power, Microwave Sensor
Driver Included:	Yes - replaceable
Driver Model:	Constant Current
Driver Type:	Built-in
Connection (type):	Quick Terminal
Connection (mm²):	5x0,5-2,5
Through Wiring:	Yes
Power Factor λ:	0,95
Efficiency (%):	88
Power loss (W):	4
Leakage current (mA) (at 230 V, 50 Hz, full load):	0,7
THD (%):	20
Standby Power:	0,5
Constant Current (mA):	500, 600, 700, 800
Min. Ta (°C):	-25
Max. Ta (°C):	65
Max. Tc (°C):	65
Suitable for random switching:	Yes
Inrush current (max/time):	17,8A 180 μ s
Mains surge protection DM (kV):	1
Mains surge protection CM (kV):	2
Fuse B10 (pcs):	20
Fuse B16 (pcs):	30
Fuse C10 (pcs):	30
Fuse C16 (pcs):	45
Emergency light operation:	1,5

COLOR AND MATERIAL

Material:	Recycled, Plastic, Sheet metal, Polycarbonate
Color:	White
Environmental Assessment:	Byggvarubedömningen, EPD
Available in special color:	No

MEASUREMENT AND INSTALLATION

Operating Environment:	Indoor / wet locations
IP Degree of Protection:	44
Protection Class:	I
Installation:	Ceiling, Wall, Surface mounted
Mounting Installation:	Screw Mounting
Fire Safety Marks:	D-mark
Approval Marks:	CE, a Hide-a-lite Choice
Impact Strength:	IK10
Filament Test IEC 695-2-1(°C):	850
Length (mm):	1175
Width (mm):	150
Height (mm):	50
Weight (kg):	2,89



