



AS Led Lamp System

Specialised LED lamp for industrial applications

Product sheet



CHARACTERISTICS:

LED lamp designed to illuminate industrial facilities where very high tightness and increased chemical resistance are required.

EXECUTION:

Transparent polycarbonate (PC) casing closed with two expansion plugs made of a mixture of polycarbonate and glass fiber in light grey, plugs sealed with an NRB o-ring

MOUNTING ELEMENTS:

Stainless steel clamp /handle, hook for hanging on the rope

Type	Brightness adjustment	LED mod. qty.	LED power [W]	Luminaire power [W]	Efficiency [lm/W]	Luminaire flux [lm]	Colour temperature [K]	CRI [Ra]	Dimensions [mm]	Angle of distribution °	Weight [kg]
LD4XBC	on/off **	4	30,5	34	149	5075	3000	>80	1510x70	120	1,8
LD4XBZ*	on/off **	4	30,5	34	152	5175	4000	>80	1510x70	120	1,8
LD4XBZ*	on/off **	4	30,5	34	163	5575	6500	>80	1510x70	120	1,8

* possible execution

** possible execution in dimmable version



TECHNICAL DETAILS

Rated voltage 230V +/-10% 50Hz

Power 34W

Light source (Module PL1-PL2-BN-3000) 4pcs LED module

Life (L70B50) 80,000h at 25°C
50,000h at 45°C

Operating temperature -20 +40°C



This product contains a light source with energy efficiency class C



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Electrical data

Nominal voltage	230 V \pm 10% 50 Hz
Nominal current	148mA
Maximum power	34W
Standby power	< 0.3W *
Power consumption	34kWh/1000h
Power factor cos φ	\geq 0.9
Applied power supply	ZLED-1 (3.5W power loss)

Control and dimming	MS-1 controller, 0-100%*
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Lighting technical data

Luminous efficacy	149 lm/W
Total luminous flux	5075 lm
Colour temperature CCT	3000K
Colour rendering index Ra	> 80 R9-7.7
Light distribution angle	120°
Replaceable light source	Module PL1-PL2-BN-3000
PstLM Fibrillation	0,8
SVM Flicker Fusion	1,1

Other Information

Power Supply Failure Indicator	< 0.5% 1000pcs (50,000h)
Total Luminaire Efficiency	\geq 45%
Connector type	1 x 3 or 5* field block terminal
Cable type and installation	3 or 5*x1.5mm ² / output from luminaire
Life (L70B50)	80.000h at 25°C / 50,000h at 45°C
Protection class	II
Tightness class	IP68
Mechanical shock resistance	IK10
Body material	Polycarbonate
Fastening material	Stainless steel
Standards	CE, RoHS

Ambient temperature range	-20 +40°C
Storage temperature	-30 +80°C
Dimensions	Length – 1510mm / Diameter – 70mm
Weight	1.8kg
Country of origin / production	POLAND

* for dimmable version