

AS - Led Lamp System

Specialised LED lamp for industrial applications

Product sheet



CHARACTERISTICS:

Specialised LED lamp designed to illuminate farm buildings where very high tightness and increased chemical resistance are required. 3000K warm white light makes it an ideal lamp for lighting poultry houses.

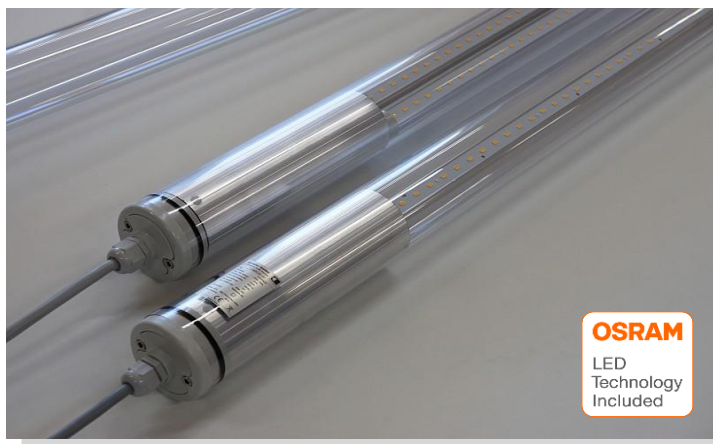
EXECUTION:

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	Diaphragm	LED mod. qty.	LED power [W]	Luminaire power [W]	Efficiency [lm/W]	Luminaire flux [lm]	Current [Lx/3m]	Colour temperature [K]	GRI [Ra]	Dimensions [mm]	Weight [kg]
LD2XBCS	Yes	-	2	18,5	21	144	3023	116	3000	>80	1510x70	1,6



TECHNICAL DATA

Rated voltage 230V +/-10% 50Hz

Power 21W



This product contains a light source with energy efficiency class C



Light source 2pcs LED Module (Module PL1-PL2-BN-3000)

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

Operating temperature -20 +45°C



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Electrical data

Nominal voltage	230 V \pm 10% 50 Hz
Nominal current	91mA
Maximum power	21W
Standby power	< 0.3W
Power consumption	21kWh/1000h
Power factor $\cos \varphi$	\geq 0.9
Applied power supply	ZLED-1 (2.5W Power supply loss)

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

Luminous efficacy	144 lm/W
Total luminous flux	3023 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

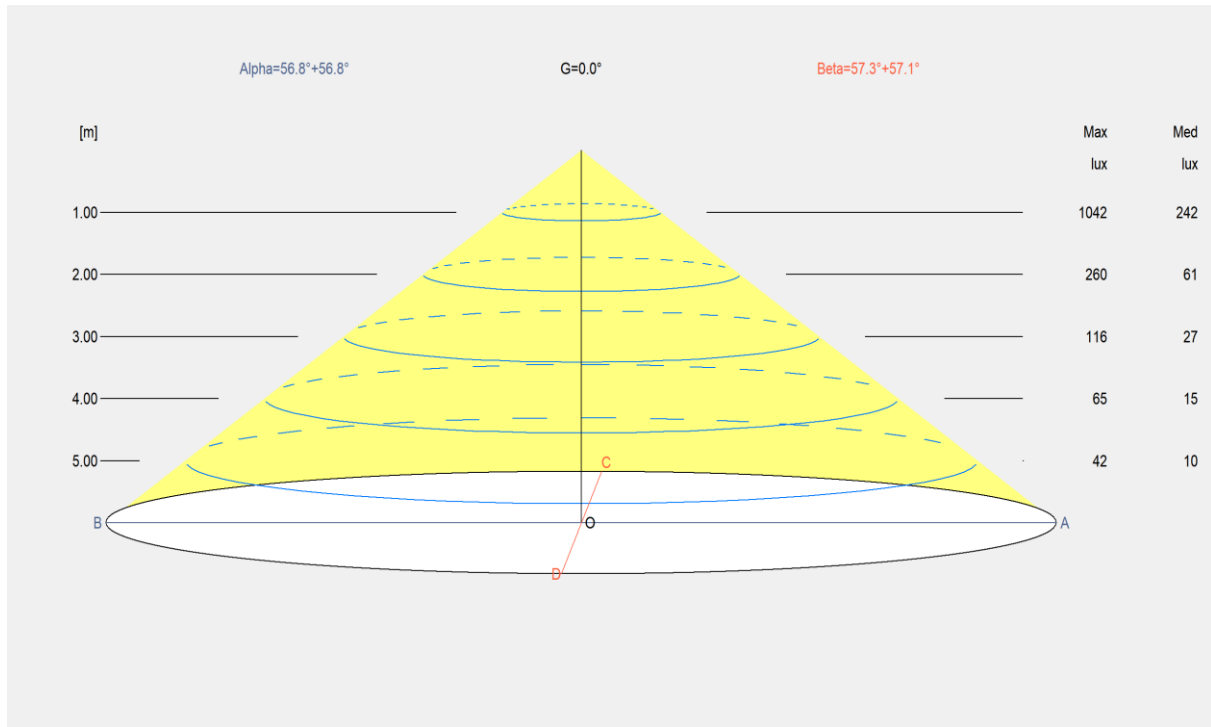
Other Information

Power Supply Failure Indicator	< 0.5% 1000pcs (50,000h)
Total Luminaire Efficiency	\geq 44%
Connector type	2 x 5-field terminal block
Cable type and installation	5x1.5mm ² / mounting on the luminaire passage
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

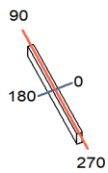
Ambient temperature range	-20 +45°C
Storage temperature	-30 +80°C

Dimensions	Length – 1510mm / Diameter – 70mm
Weight	1.6kg
Country of origin / production	POLAND

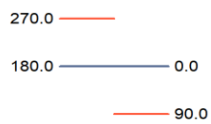
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1445mm x 70mm



C Halfplanes



Flux 3023 lm
 Maximum 344.63 cd/klm
 Position C=0.00 G=0.00
 Efficiency: 100.00%
 Date: 24-05-2022
 Sym. on planes 270-90

