

AS - Led Lamp System

Specialised LED lamp with two light colors intended for industrial use

Product sheet



CHARACTERISTICS:

Specialised LED lamp designed to illuminate farm buildings where very high tightness and increased chemical resistance are required. The innovative use of two light colours (warm white 3000K and red) in one lamp makes it an ideal lamp for lighting hen 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]	CRI [Ra]	Dimensions [mm]	Weight [kg]
LD2XBCZCS	Yes	-	2		21	144	3023	116	3000	>80	1510x70	1,6
			White	18,5								
			Red	4								



TECHNICAL DATA

Rated voltage 230V +/-10% 50Hz

Power 21W

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

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

Operating temperature -20 +45°C



This product contains a light source with energy efficiency class C



Product sheet

Electrical data

Nominal voltage	230 V \pm 10% 50 Hz
Nominal current	91mA
Maximum power	21W White / 4W Red
Standby power	< 0.3W
Power consumption	21kWh/1000h
Power factor cos ϕ	\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

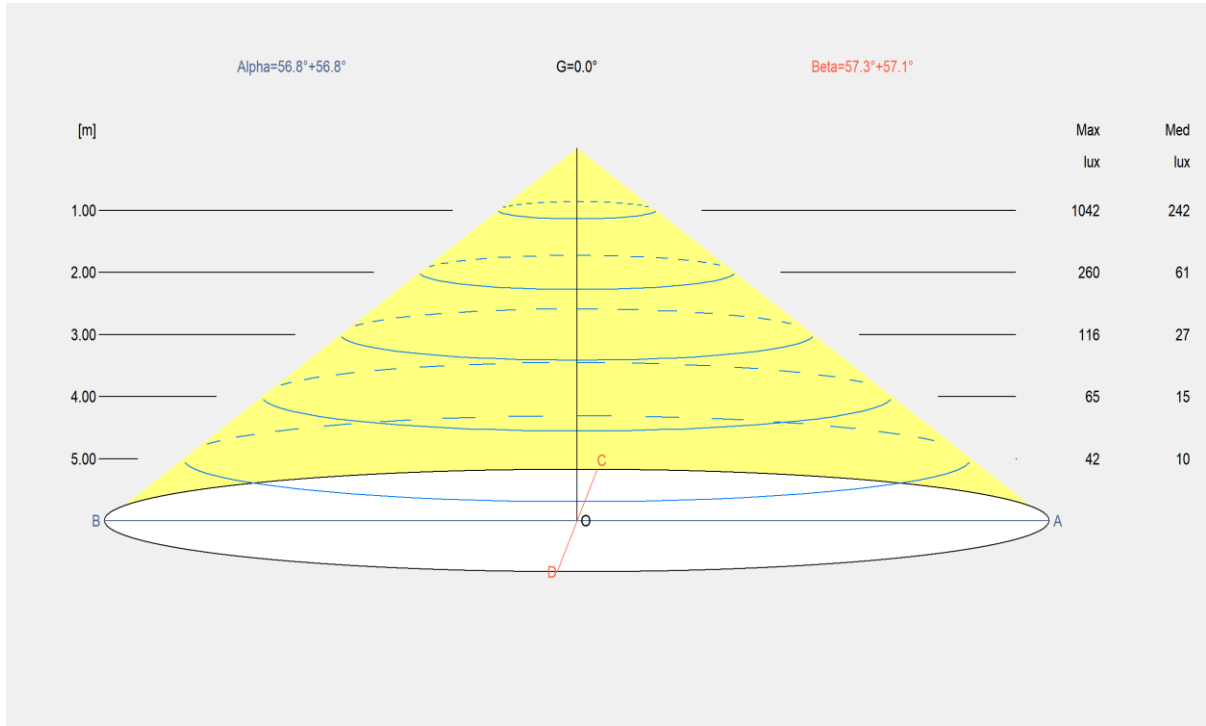
Other Information

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

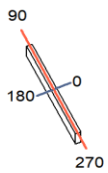
Ambient temperature range	-20 +45°C
Storage temperature	-30 +80°C

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

Product sheet



1445mm x 70mm



C Halfplanes

270.0 ——— 0.0
180.0 ——— 0.0
90.0 ——— 0.0

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

