

AS LED lighting system



CHARACTERISTICS:

A series of luminaires with LED light source dedicated to utility and industrial rooms in which high tightness and increased chemical resistance are required. Designed for use in specific environmental conditions.

USE:

Hen houses, goose houses, pig houses, rabbit houses, mushroom farms and all other farm buildings, assembly and production halls, warehouses, swimming pools, storage rooms, cold stores, bakeries, butchers, public utility facilities

EXECUTION:

Transparent polycarbonate (PC) casing closed with two expandable plugs made of glass fibre reinforced polycarbonate in light grey, plugs sealed with O-ring with NBR

MOUNTING ELEMENTS:

Stainless steel clamp /handle, fixed to the ceiling /wall or hook for hanging on the rope



GENERAL/ELECTRIC data

Rated voltage	230V +/-10% 50Hz
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Power	21 or 34W
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Luminaire efficiency	45%
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Light source (Module PL1-PL2-BN-3000)	2 or 4pcs LED Module
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Shelf life (L70B50)	80,000h at 25°C 50,000h at 45°C
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Operating temperature	-20 +45°C
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Possibility of smooth current control lighting from 0 to 100%



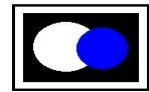
This product contains a light source with energy efficiency class C



CERTIFICATES AND MARKINGS

Degree of protection (IP)	IP-68
Mechanical durability (IK)	IK-10
Insulation protection class	II
Light source protection	Yes/ (option)
CE	Yes
RoHs	Yes





VARIETIES

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] L H Ø	Angle of distribution n°	Weight [kg]
LD2XBC	on/off	2	18,5	21	144	3023	3000	>80	1510x70	120	1,6
LD2XBZ	on/off	2	18,5	21	147	3083	4000	>80	1510x70	120	1,6
LD2XBZ	on/off	2	18,5	21	158	3325	6500	>80	1510x70	120	1,6
LD2XBCS	Yes	2	18,5	21	144	3023	3000	>80	1510x70	120	1,6
LD2XBNCS	Yes	2	18,5	21	144	3023	3000	>80	1510x70	120	1,6
Blue			4						1510x70		
LD2XBCZCS	Yes	2	18,5	21	144	3023	3000	>80	1510x70	120	1,6
Red			4						1510x70		
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

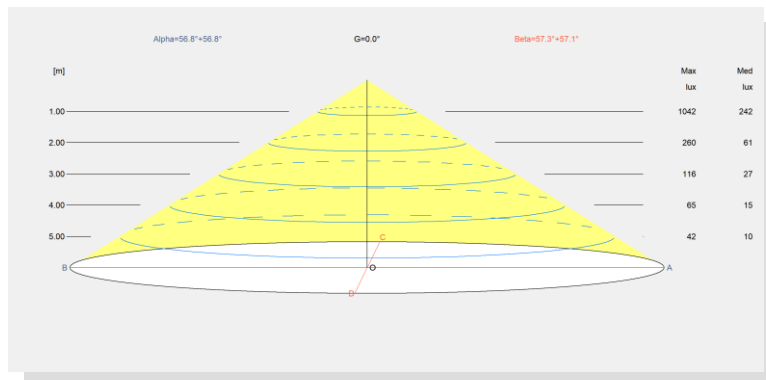
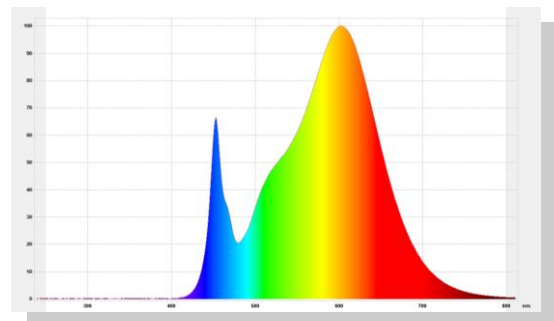
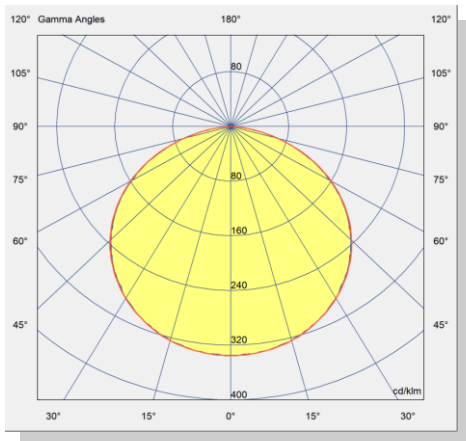
* Current control in the range of 0-100% with the MS-1 controller

LAMP TYPE MARKING METHOD

Example: **LD 2X B C S**

long lamp, 2 modules, white LED, warm light, dimmable

LD – long lamp
xX – quantity of LED modules
B – white led
N – blue led
CZ – red led
S – dimmable
C – warm light
Z – cold light



Beam for 21W lamp