

LINERO LED PRO 620MM 16050LM 840 IP66 VW 109W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	116230
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	109
Luminous flux [lm]*:	16050
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
Electrical protection class:	I
Energy efficiency class:	C
Material of the body:	aluminium

CHARACTERISTICS

A range of lightweight, hermetically sealed High-Bay linear luminaires, made from extruded aluminium, featuring a heat sink to dissipate excess heat and a separate compartment for the power supply (also made from extruded aluminium). It combines the benefits of durability and airtightness with the highest luminous efficacy in Class A – up to 195 lm/W. The uncompromising, modern design represents a breakthrough in the design of efficient yet economical industrial luminaires. The modular construction allows for maximum luminous flux at a low cost and compact size. Professional optics made from durable polycarbonate (PC) offer great flexibility in selecting the optimal solution, even at significant installation heights.

APPLICATION

Designed with the most demanding production and warehouse spaces in mind, where the highest quality and quantity of light at the lowest possible investment cost are the priority. The option of wall mounting or mounting using an articulated arm is an additional installation feature.

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TECHNICAL PARAMETERS TABLE

Index:	116230	Optics material:	PC
EAN:	5905963116230	Material of the body:	aluminium
Light source:	LED module	Colour of the body:	RAL9005
Rated power of the luminaire [W]:	109	Dimensions (H/W/T/S) [mm]:	620/64/205
Luminous flux [lm]:	16050	Mounting dimensions [mm]:	265
Supply voltage [V]:	220-240	Impact resistance:	IK09
AC voltage range [V]:	198-264	Ingress protection:	IP66
DC voltage range [V]:	176-280	Mounting version:	surface, suspended
Frequency [Hz]:	50-60	Working temperature [°C]:	from -40 to +45
Luminous efficacy [lm/W]:	147	Tilt angle adjustment [°]:	yes
Energy efficiency class:	C	Dimensions of single box [mm]:	622/65/205
Electrical protection class:	I	Number on the palette [pcs]:	135
Colour temperature [K]:	4000	Net weight [kg]:	1.950
Color rendering index (Ra) >:	80	Light distribution type:	VW
LED lifespan L70B50 [h]:	53000	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
LED lifespan L80B10 [h]:	108000	Warranty [years]:	5
LED lifespan L90B10 [h]:	159000	CE certificate:	121/2026
Surge protection [kV]:	2	Manual:	Download PDF
Diffuser material:	PC	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Diffuser type:	matrix led	Plik LDT:	Download

Card creation date: 22 July 2026

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%

 This product is a subject to electric and electronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 121/2026



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