ARENA LED 810MM 12300LM 830 IP65 PC 100W

DETAILED CARD



TECHNICAL PARAMETERS

Light source:	LED module
Rated power of the luminaire [W]*:	100
Luminous flux [lm]*:	12300
Supply voltage [V]:	220-240
Luminous efficacy [lm/W]:	123
Energy efficiency class:	D
Electrical protection class:	I
Colour temperature [K]:	3000
Impact resistance:	IK09
Ingress protection:	IP65

CHARACTERISTICS

The highly energy-efficient Arena Led lamp features a wide range of luminous flux from 8950 lm to 18400 lm. Such a wide range makes it possible to choose a version tailored to the requirements for lighting a room. The lamp body made of steel sheet, powder-coated in white, and the transparent polycarbonate diffuser provide it with a very high IK09 impact resistance factor. The lamp is also distinguished by a very high IP65 tightness, which allows it to be installed and work in dusty and high humidity conditions. It also meets the highest standards for lamps mounted in industrial premises. Its glare factor is UGR<22 and it is suitable for use with DIMM DALI control.

APPLICATION

Arena Led is designed for surface or pendant mounting inside facilities. Its characteristics and high value of impact resistance and tightness parameters predispose it to use in industrial halls and facilities with unfavorable conditions (increased dust and humidity, high probability of exposure to impact).

Arena Led lamps will also perform well in sports facilities. They will show resistance to the strongest impacts of the ball or other sports accessories.

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TECHNICAL PARAMETERS TABLE

Index:	483202
EAN:	5905963483202
Light source:	LED module
Rated power of the luminaire [W]:	100
Luminous flux [lm]:	12300
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	123
Energy efficiency class:	D
Electrical protection class:	I
Colour temperature [K]:	3000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.98
LED lifespan L70B50 [h]:	182000
LED lifespan L80B10 [h]:	115000
LED lifespan L90B10 [h]:	55000

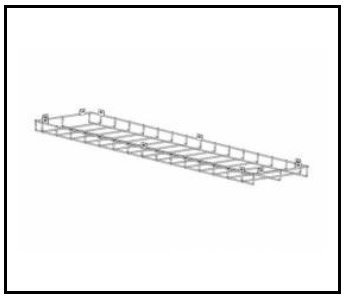
Beam angle [°]:	62
Surge protection [kV]:	2
Diffuser material:	PC
Diffuser type:	transparent
Optics material:	PC
Optics:	lens
Material of the body:	powder coated steel
Colour of the body:	white
Dimensions (H/W/T/S) [mm]:	811/195/95
Impact resistance:	IK09
Ingress protection:	IP65
Mounting version:	surface, suspended
Working temperature [°C]:	from -20 to +35
Category type:	luminaires and linear systems
CE certificate:	162/2023
Manual:	Download PDF
Plik LDT:	Download

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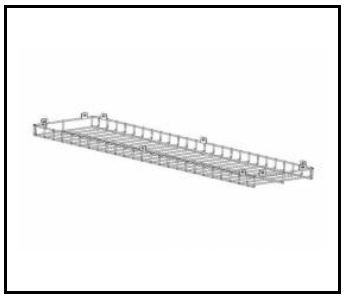
DETAILED CARD

ACCESSORIES AVAILABLE

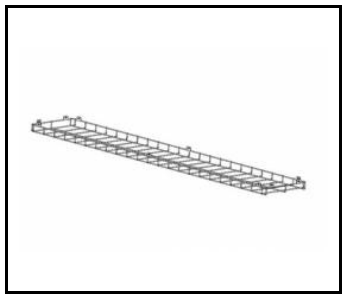
index	Name
483271	ARENA LED safety net 810mm mesh 51mm
483257	ARENA LED protective net 810mm mesh 30mm
483288	ARENA LED safety net 1205mm mesh 51mm
483264	ARENA LED safety net 1205mm 30mm mesh
483240	ARENA LED - RCR sensor - set



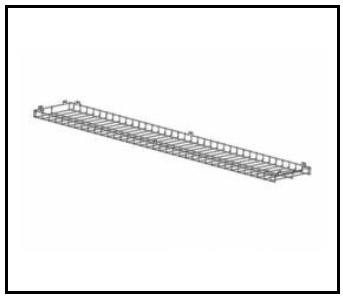
ARENA LED safety net 810mm mesh 51mm (483271)



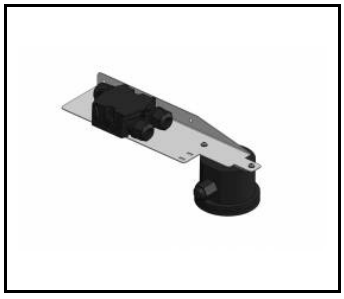
ARENA LED protective net 810mm mesh 30mm (483257)



ARENA LED safety net 1205mm mesh 51mm (483288)



ARENA LED safety net 1205mm 30mm mesh (483264)



ARENA LED - RCR sensor - set (483240)

Card creation date: 08 January 2025

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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 162/2023

LENA LIGHTING

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