

# ARENA LED 810MM 12800LM 840 IP65 DALI PC 100W

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Light source:</b>	LED module
<b>Rated power of the luminaire [W]*:</b>	100
<b>Luminous flux [lm]*:</b>	12800
<b>Supply voltage [V]:</b>	220-240
<b>Luminous efficacy [lm/W]:</b>	128
<b>Energy efficiency class:</b>	D
<b>Electrical protection class:</b>	I
<b>Colour temperature [K]:</b>	4000
<b>Impact resistance:</b>	IK09
<b>Ingress protection:</b>	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:	483219	Surge protection [kV]:	4
EAN:	5905963483219	Diffuser material:	PC
Light source:	LED module	Diffuser type:	transparent
Rated power of the luminaire [W]:	100	Optics material:	PC
Luminous flux [lm]:	12800	Optics:	lens
Supply voltage [V]:	220-240	Material of the body:	powder coated steel
Frequency [Hz]:	50-60	Colour of the body:	white
Luminous efficacy [lm/W]:	128	Dimensions (H/W/T/S) [mm]:	811/195/95
Energy efficiency class:	D	Impact resistance:	IK09
Electrical protection class:	I	Ingress protection:	IP65
Colour temperature [K]:	4000	Mounting version:	surface, suspended
Colour rendering index:	80	Working temperature [°C]:	from -20 to +35
SDCM:	≤ 3	DIMM DALI:	yes
Power factor:	0.98	Category type:	luminaires and linear systems
LED lifespan L70B50 [h]:	182000	CE certificate:	<a href="#">162/2023</a>
LED lifespan L80B20 [h]:	115000	Manual:	<a href="#">Download PDF</a>
LED lifespan L90B10 [h]:	55000	Pliik LDT:	<a href="#">Download</a>
Beam angle [°]:	62		

# ARENA LED 810MM 12800LM 840 IP65 DALI PC 100W

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## 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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 162/2023