### **ARENA LED 1205MM 13450LM 840 IP65 DALI PC 102W**

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

**Light source:** LED module

Rated power of the luminaire [W]\*: 102

Luminous flux [lm]\*: 13450

Supply voltage [V]: 220-240

Luminous efficacy [lm/W]: 132

Energy efficiency class: D

Electrical protection class:

Colour temperature [K]: 4000

Impact resistance: IK09

Ingress protection: IP65

### **CHARACTERISTICS**

The highly energy-efficient Arena Led lamp features a wide range of luminous flux from 8950 Im to 18400 Im. 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:	483134
EAN:	5905963483134
Light source:	LED module
Rated power of the luminaire [W]:	102
Luminous flux [lm]:	13450
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	132
Energy efficiency class:	D
Electrical protection class:	1
Colour temperature [K]:	4000
Colour rendering index:	80
SDCM:	≤ 3
Power factor:	0.98
LED lifespan L70B50 [h]:	182000
LED lifespan L80B20 [h]:	115000
LED lifespan L90B10 [h]:	55000
Beam angle [°]:	70

Diffuser material:  Diffuser type:  Optics material:  PC  Optics:  Iens  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  Ingress protection:  Mounting version:  Working temperature [°C]:  DIMM DALI:  Category type:  Category type:  Category type:  Plik LDT:  Pires was a supended  Download  Download  Download  Download  Download	Surge protection [kV]:	4
Optics material:  Optics:  lens  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  Ingress protection:  Mounting version:  Working temperature [°C]:  DIMM DALI:  Category type:  Category type:  Category type:  Manual:  PC  lens  powder coated steel  White  1205/195/95  IK09  IP65  Surface, suspended  from -20 to +35  yes  Luminaires and linear systems  Download PDF	Diffuser material:	PC
Optics:  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  Impact resistance:  Ingress protection:  Mounting version:  Working temperature [°C]:  DIMM DALI:  Category type:  Category type:  CE certificate:  Manual:  Iens  powder coated steel  White  1205/195/95  IK09  IP65  Surface, suspended  from -20 to +35  yes  Luminaires and linear systems  Download PDF	Diffuser type:	transparent
Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  Inpact resistance:  Ingress protection:  Mounting version:  Working temperature [°C]:  DIMM DALI:  Category type:  Luminaires and linear systems  CE certificate:  Manual:  Download PDF	Optics material:	PC
Colour of the body:  Dimensions (H/W/T/S) [mm]:  Impact resistance:  Ik09  Ip65  Mounting version:  Surface, suspended  from -20 to +35  DIMM DALI:  yes  Category type:  Iuminaires and linear systems  CE certificate:  I62/2023  Manual:  Download PDF	Optics:	lens
Dimensions (H/W/T/S) [mm]: 1205/195/95  Impact resistance: IK09  Ingress protection: IP65  Mounting version: surface, suspended  Working temperature [°C]: from -20 to +35  DIMM DALI: yes  Category type: luminaires and linear systems  CE certificate: 162/2023  Manual: Download PDF	Material of the body:	powder coated steel
Impact resistance: Ingress protection: Ingress protection:  Mounting version:  Working temperature [°C]:  DIMM DALI:  Category type:  Ce certificate:  162/2023  Manual:  IK09  IP65  surface, suspended  from -20 to +35  yes  luminaires and linear systems  CE certificate:  162/2023  Download PDF	Colour of the body:	white
Ingress protection:  Mounting version:  Working temperature [°C]:  DIMM DALI:  Category type:  Luminaires and linear systems  CE certificate:  Manual:  Download PDF	Dimensions (H/W/T/S) [mm]:	1205/195/95
Mounting version:  Working temperature [°C]:  DIMM DALI:  yes  Category type:  Luminaires and linear systems  CE certificate:  Manual:  Download PDF	Impact resistance:	IK09
Working temperature [°C]: from -20 to +35  DIMM DALI: yes  Category type: luminaires and linear systems  CE certificate: 162/2023  Manual: Download PDF	Ingress protection:	IP65
DIMM DALI:  Category type:  Luminaires and linear systems  CE certificate:  Manual:  Download PDF	Mounting version:	surface, suspended
Category type: luminaires and linear systems  CE certificate: 162/2023  Manual: Download PDF	Working temperature [°C]:	from -20 to +35
CE certificate:         162/2023           Manual:         Download PDF	DIMM DALI:	yes
Manual: Download PDF	Category type:	luminaires and linear systems
	CE certificate:	162/2023
Plik LDT: <u>Download</u>	Manual:	Download PDF
	Plik LDT:	Download

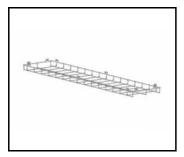


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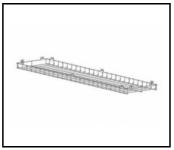
**DETAILED CARD** 

### **ACCESSORIES AVAILABLE**

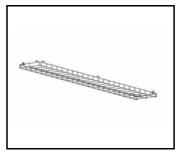
index	Name
483271	ARENA LED safety net 810mm mesh 51mm
483257	ARENA LED protective net 810mm mesh 30mm
483288	ARENA LED safety net 1205mm mesh 51mm
483264	ARENA LED safety net 1205mm 30mm mesh
483240	ARENA LED - RCR sensor - set



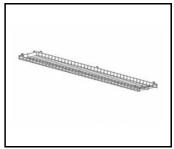
ARENA LED safety net 810mm mesh 51mm (483271)



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%

