

Product: NEPTUN INDUSTRY LED 14000 PC-T OPTICS-ASY E IP66 21 830 / 1163X115X110MM ZASILANIE PRZELOTOWE 16A

Index: 19.4343.D411.21



### **Description**

Tightly-closed ceiling luminaries with highly efficient LED light sources, ensuring additional protection against solid body penetration and jet of water from all directions. Perfect to be installed in moist and dusty rooms. The luminary is characterized by compact size and unbelievably simple and quick way to install comparing with similar products. The color temperature for applied LED light sources is 3000/4000 K. Color rendering index Ra>80. Luminaire designed for industrial facilities. Optical system based on lenses. Luminaire clips made of steel.

#### **Product information**

Category	Industrial luminaires
Family	NEPTUN INDUSTRY LED OPTICS
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# Light and electrical data

Luminous flux LED [Im]  LED power [W]  72,8  Luminaire luminous flux [Im]  11660,2  Power of luminaire [W]  82,8  Luminaire's light efficiency [Im/W]  Color of the light [K]  CRI  SDCM (LED sources)  Beam angle [°]  Photobiological risk class (IEC/EN 62471)  Protection against electric shock  Protection degree  Voltage  Lifetime of LED sources [h]  Lx/By  Operating temperature range [°C]  Power factor cos φ  11660,2  140,8  3000  R40,8  3000  RG0  RG0  11666  220240 V, 5060 Hz  90000  Lx/By  L80/B10  -40 ÷ 35  Driver  Standard on/off (E)  Power factor cos φ  >0,95		
LED power [W]  Luminaire luminous flux [Im]  Power of luminaire [W]  Luminaire's light efficiency [Im/W]  Color of the light [K]  CRI  SDCM (LED sources)  Beam angle [°]  Photobiological risk class (IEC/EN 62471)  Protection against electric shock  Protection degree  Voltage  Lifetime of LED sources [h]  Lx/By  Operating temperature range [°C]  Power factor cos φ  Circuit load capacity  72,8  11660,2  140,8  3000  280  380  Saymmetric light distribution  RG0  RG0  1  P66  Voltage  LP66  220240 V, 5060 Hz  90000  Lav/By  Lav/By  Lav/By  Lav/By  Circuit load capacity  20 (B10), 32 (B16), 20 (C10), 32	Light source	LED
Luminaire luminous flux [lm]       11660,2         Power of luminaire [W]       82,8         Luminaire's light efficiency [lm/W]       140,8         Color of the light [K]       3000         CRI       >80         SDCM (LED sources)       3         Beam angle [°]       asymmetric light distribution         Photobiological risk class (IEC/EN 62471)       RG0         Protection against electric shock       I         Protection degree       IP66         Voltage       220240 V, 5060 Hz         Lifetime of LED sources [h]       90000         Lx/By       L80/B10         Operating temperature range [°C]       -40 ÷ 35         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       20 (B10), 32 (B16), 20 (C10), 32	Luminous flux LED [lm]	13352
Power of luminaire [W]  Luminaire's light efficiency [lm/W]  Color of the light [K]  CRI  SDCM (LED sources)  Beam angle [°]  Photobiological risk class (IEC/EN 62471)  Protection against electric shock  Protection degree  Voltage  Lifetime of LED sources [h]  Lx/By  Operating temperature range [°C]  Power factor cos φ  Circuit load capacity  20,810, 32 (B16), 20 (C10), 32	LED power [W]	72,8
Luminaire's light efficiency [lm/W] 140,8  Color of the light [K] 3000  CRI >80  SDCM (LED sources) 3  Beam angle [ $^{\circ}$ ] asymmetric light distribution  Photobiological risk class (IEC/EN 62471)  Protection against electric shock I  Protection degree IP66  Voltage 220240 V, 5060 Hz  Lifetime of LED sources [h] 90000  Lx/By L80/B10  Operating temperature range [ $^{\circ}$ C] -40 ÷ 35  Driver standard on/off (E)  Power factor cos $\phi$ >0,95  Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	Luminaire luminous flux [lm]	11660,2
Color of the light [K] 3000  CRI >80  SDCM (LED sources) 3  Beam angle [ $^{\circ}$ ] asymmetric light distribution  Photobiological risk class (IEC/EN 62471)  Protection against electric shock I  Protection degree IP66  Voltage 220240 V, 5060 Hz  Lifetime of LED sources [h] 90000  Lx/By L80/B10  Operating temperature range [ $^{\circ}$ C] -40 $\div$ 35  Driver standard on/off (E)  Power factor cos $\phi$ >0,95  Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	Power of luminaire [W]	82,8
CRI SDCM (LED sources) 3 Beam angle [°] Asymmetric light distribution Photobiological risk class (IEC/EN 62471) Protection against electric shock Protection degree Voltage Lifetime of LED sources [h] Lx/By Operating temperature range [°C] Driver Power factor cos φ Circuit load capacity  3  Asymmetric light distribution RG0  RG0  RG0  PG0  RG0  LP66  LP66  LP66  220240 V, 5060 Hz  240240 V, 5060 Hz  Salphan  Salpha	Luminaire's light efficiency [lm/W]	140,8
SDCM (LED sources)  Beam angle [°]  Photobiological risk class (IEC/EN 62471)  Protection against electric shock  Protection degree  Voltage  Lifetime of LED sources [h]  Lx/By  Operating temperature range [°C]  Driver  Power factor $\cos \varphi$ Circuit load capacity  3  asymmetric light distribution  RG0  RG0  IP66  Value  1  PP66  220240 V, 5060 Hz  90000  L80/B10  -40 ÷ 35  standard on/off (E)  >0,95  Circuit load capacity  20 (B10), 32 (B16), 20 (C10), 32	Color of the light [K]	3000
Beam angle [°] asymmetric light distribution Photobiological risk class (IEC/EN 62471) Protection against electric shock Protection degree Voltage Lifetime of LED sources [h] 90000 Lx/By L80/B10 Operating temperature range [°C] -40 $\div$ 35 Driver standard on/off (E) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	CRI	>80
Photobiological risk class (IEC/EN 62471)  Protection against electric shock  Protection degree  Voltage  Lifetime of LED sources [h]  Lx/By  Operating temperature range [°C]  Power factor $\cos \varphi$ Circuit load capacity  RG0  RG0  RG0  RG0  RG0  RG0  RG0  RG	SDCM (LED sources)	3
Protection against electric shock I Protection degree IP66  Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] 90000 Lx/By L80/B10 Operating temperature range [°C] -40 $\div$ 35 Driver standard on/off (E) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	Beam angle [°]	asymmetric light distribution
Protection degree       IP66         Voltage       220240 V, 5060 Hz         Lifetime of LED sources [h]       90000         Lx/By       L80/B10         Operating temperature range [°C]       -40 ÷ 35         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       20 (B10), 32 (B16), 20 (C10), 32	Photobiological risk class (IEC/EN 62471)	RG0
Voltage 220240 V, 5060 Hz  Lifetime of LED sources [h] 90000  Lx/By L80/B10  Operating temperature range [°C] -40 ÷ 35  Driver standard on/off (E)  Power factor $\cos \varphi$ >0,95  Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	Protection against electric shock	I
Lifetime of LED sources [h] 90000  Lx/By L80/B10  Operating temperature range [°C] -40 ÷ 35  Driver standard on/off (E)  Power factor $\cos \varphi$ >0,95  Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	Protection degree	IP66
Lx/By L80/B10  Operating temperature range [°C] -40 ÷ 35  Driver standard on/off (E)  Power factor $\cos \varphi$ >0,95  Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	Voltage	220240 V, 5060 Hz
Operating temperature range [°C] $-40 \div 35$ Driver $standard on/off (E)$ Power factor $\cos \varphi$ >0,95  Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	Lifetime of LED sources [h]	90000
Driver         standard on/off (E)           Power factor cos φ         >0,95           Circuit load capacity         20 (B10), 32 (B16), 20 (C10), 32	Lx/By	L80/B10
Power factor cos φ       >0,95         Circuit load capacity       20 (B10), 32 (B16), 20 (C10), 32	Operating temperature range [°C]	-40 ÷ 35
Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	Driver	standard on/off (E)
	Power factor $\cos\phi$	>0,95
	Circuit load capacity	



## Mechanical data



Assembly	directly mounted to ceiling construction or surface mounted on slings
Material	polycarbonate
Color	RAL 9006 (grey)
Diffuser	PC-T (transparent polycarbonate)
Impact resistant	IK10
Dimensions [mm]	1163 x 115 x 110

# A graph of light



