

Product: NEPTUN INDUSTRY LED 10000 PC-T OPTICS-60 E IP66 21 830 / 1563X115X110MM ZASILANIE PRZELOTOWE

16A

Index: 19.4343.9511.21



### **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
Name	NEPTUN INDUSTRY LED 10000 PC-T OPTICS-60 E IP66 21 830 / 1563X115X110MM ZASILANIE PRZELOTOWE 16A
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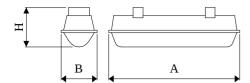


# Light and electrical data

Luminous flux LED [lm]  LED power [W]  Luminaire luminous flux [lm]  Power of luminaire [W]  Luminaire's light efficiency [lm/W]  Color of the light [K]  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  10170		
LED power [W]       51         Luminaire luminous flux [Im]       9111,9         Power of luminaire [W]       58         Luminaire's light efficiency [Im/W]       157,1         Color of the light [K]       3000         CRI       >80         SDCM (LED sources)       3         Beam angle [°]       (C0-C180) / (C90-C270) - 54,6° / 54°         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]       -25 ÷ 35         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       15 (B10), 25 (B16), 24 (C10), 38	Light source	LED
Luminaire luminous flux [lm]  Power of luminaire [W]  S8  Luminaire's light efficiency [lm/W]  Color of the light [K]  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 φ  Circuit load capacity  9111,9  58  C11,9  C58  C68  C79,1  C00-C180) / (C90-C270) - 54,6° / 54°  RG0  C00-C180) / (C90-C270) - 54,6° / 54°  C154,000  C157,100  C157,100  C157,100  C158,000  C157,100  C157,100  C158,000  C157,100  C157,100  C158,000  C157,100	Luminous flux LED [lm]	10170
Power of luminaire [W] 58  Luminaire's light efficiency [lm/W] 157,1  Color of the light [K] 3000  CRI >80  SDCM (LED sources) 3  Beam angle [°] (C0-C180) / (C90-C270) - 54,6° / 54°  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 [°C] -25 ÷ 35  Driver standard on/off (E)  Power factor cos φ >0,95  Circuit load capacity 15 (B10), 25 (B16), 24 (C10), 38	LED power [W]	51
Luminaire's light efficiency [lm/W]       157,1         Color of the light [K]       3000         CRI       >80         SDCM (LED sources)       3         Beam angle [°]       (C0-C180) / (C90-C270) - 54,6° / 54°         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]       -25 ÷ 35         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       15 (B10), 25 (B16), 24 (C10), 38	Luminaire luminous flux [lm]	9111,9
Color of the light [K] 3000  CRI >80  SDCM (LED sources) 3  Beam angle [°] (C0-C180) / (C90-C270) - 54,6° / 54°  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 [°C] -25 ÷ 35  Driver standard on/off (E)  Power factor $\cos \varphi$ >0,95  Circuit load capacity 15 (B10), 25 (B16), 24 (C10), 38	Power of luminaire [W]	58
CRI       >80         SDCM (LED sources)       3         Beam angle [°]       (C0-C180) / (C90-C270) - 54,6° / 54°         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]       -25 ÷ 35         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       15 (B10), 25 (B16), 24 (C10), 38	Luminaire's light efficiency [lm/W]	157,1
SDCM (LED sources)       3         Beam angle [°]       (C0-C180) / (C90-C270) - 54,6° / 54°         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]       -25 ÷ 35         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       15 (B10), 25 (B16), 24 (C10), 38	Color of the light [K]	3000
Beam angle [°](C0-C180) / (C90-C270) - 54,6° / 54°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIProtection degreeIP66Voltage220240 V, 5060 HzLifetime of LED sources [h]90000Lx/ByL80/B10Operating temperature range [°C]-25 ÷ 35Driverstandard on/off (E)Power factor $\cos \varphi$ >0,95Circuit load capacity15 (B10), 25 (B16), 24 (C10), 38	CRI	>80
Photobiological risk class (IEC/EN 62471)  Protection against electric shock  Protection degree  IP66  Voltage  220240 V, 5060 Hz  Lifetime of LED sources [h]  Lx/By  Doperating temperature range [°C]  Driver  Standard on/off (E)  Power factor $\cos \varphi$ Circuit load capacity  RG0  RG0  RG0  RG0  RG0  PO6  Sponsor  LS0  Po6  Sponsor  Sponsor	SDCM (LED sources)	3
Protection against electric shock  Protection degree  Protection degree  Voltage  220240 V, 5060 Hz  Lifetime of LED sources [h]  90000  Lx/By  L80/B10  Operating temperature range [°C]  Driver  Standard on/off (E)  Power factor cos φ  Circuit load capacity  15 (B10), 25 (B16), 24 (C10), 38	Beam angle [°]	(C0-C180) / (C90-C270) - 54,6° / 54°
Protection degree       IP66         Voltage       220240 V, 5060 Hz         Lifetime of LED sources [h]       90000         Lx/By       L80/B10         Operating temperature range [°C]       -25 ÷ 35         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       15 (B10), 25 (B16), 24 (C10), 38	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]       -25 ÷ 35         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       15 (B10), 25 (B16), 24 (C10), 38	Protection against electric shock	I
Lifetime of LED sources [h]       90000         Lx/By       L80/B10         Operating temperature range [°C]       -25 ÷ 35         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       15 (B10), 25 (B16), 24 (C10), 38	Protection degree	IP66
Lx/By  Coperating temperature range [°C]  Driver  Power factor cos φ  Circuit load capacity  L80/B10  -25 ÷ 35  standard on/off (E)  >0,95  Circuit load capacity  L80/B10  -25 ÷ 35  Standard on/off (E)  >0,95  Circuit load capacity  L80/B10  -25 ÷ 35  Standard on/off (E)  >0,95	Voltage	220240 V, 5060 Hz
Operating temperature range [°C] $-25 \div 35$ Driver $\frac{1}{2}$ standard on/off (E)  Power factor $\cos \varphi$ >0,95  Circuit load capacity $\frac{1}{2}$ (B10), 25 (B16), 24 (C10), 38	Lifetime of LED sources [h]	90000
Driver standard on/off (E)  Power factor cos φ >0,95  Circuit load capacity 15 (B10), 25 (B16), 24 (C10), 38	Lx/By	L80/B10
Power factor cos φ       >0,95         Circuit load capacity       15 (B10), 25 (B16), 24 (C10), 38	Operating temperature range [°C]	-25 ÷ 35
Circuit load capacity <b>15 (B10), 25 (B16), 24 (C10), 38</b>	Driver	standard on/off (E)
	Power factor cos φ	>0,95
	Circuit load capacity	



## Mechanical data



surface mounted on slings  Material polycarbonate  Color RAL 9006 (grey)  Diffuser PC-T (transparent polycarbonate)  Impact resistant IK10		
Color RAL 9006 (grey)  Diffuser PC-T (transparent polycarbonate)  Impact resistant IK10	,	directly mounted to ceiling construction or surface mounted on slings
Diffuser PC-T (transparent polycarbonate) Impact resistant IK10	al	polycarbonate
Impact resistant IK10		RAL 9006 (grey)
· · · · · · · · · · · · · · · · · · ·	er I	PC-T (transparent polycarbonate)
Dimensions [mm] 1563 v 115 v 110	t resistant	IK10
Differsions [filin] 1303 X 113 X 110	sions [mm]	1563 x 115 x 110

# A graph of light



