

Product: NEPTUN INDUSTRY LED 12000 PC-T OPTICS-ASY E IP66 21 840 / 1163X115X110MM ZASILANIE PRZELOTOWE 16A HT50

Index: 19.4344.D321.21



### **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, for ambient temperatures up to +50° C. Optical system based on lenses. Luminaire clips made of steel.

#### **Product information**

Category	Industrial luminaires
Family	NEPTUN INDUSTRY LED OPTICS HT50
Name	NEPTUN INDUSTRY LED 12000 PC-T OPTICS-ASY E IP66 21 840 / 1163X115X110MM ZASILANIE PRZELOTOWE 16A HT50
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# Light and electrical data

Luminous flux LED [lm]  LED power [W]  59,6  Luminaire luminous flux [lm]  10350,2  Power of luminaire [W]  67,8  Luminaire's light efficiency [lm/W]  Color of the light [K]  Color of the light [K]  CRI  SDCM (LED sources)  3  Beam angle [°]  Photobiological risk class (IEC/EN 82471)  Protection against electric shock  Protection degree  Voltage  Lifetime of LED sources [h]  Deparating temperature range [°C]  Power factor cos φ  11852  10350,2  10350,2  10350,2  10350,2  10350,2  10350,2  10350,2  10350,7  103		
LED power [W] 59,6 Luminaire luminous flux [Im] 10350,2 Power of luminaire [W] 67,8 Luminaire's light efficiency [Im/W] 152,7 Color of the light [K] 4000 CRI >80 SDCM (LED sources) 3 Beam angle [°] 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 Deparating temperature range [°C] -40 ÷ 50 Driver standard on/off (E) Power factor cos φ >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	Light source	LED
Luminaire luminous flux [lm]  Power of luminaire [W]  Color of the light efficiency [lm/W]  Color of the light [K]  A000  Sources)  Sources)  Sources (IEC/EN asymmetric light distribution  Photobiological risk class (IEC/EN RG0  Color of the light [K]  A000  RG0  RG0  Color of the light [K]  A000  RG0  Footection against electric shock  I  Protection against electric shock  I  Protection degree  Voltage  Launinaire [w]  I P66  Voltage  Launinaire [w]  Launi	Luminous flux LED [lm]	11852
Power of luminaire [W]  Luminaire's light efficiency [lm/W]  Color of the light [K]  Color of the light [K]  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  Deparating temperature range [°C]  Power factor cos φ  Circuit load capacity  67,8  4000  Asymmetric light distribution  RG0  RG0  By  By  By  By  LBO/B10  Color of the light [K]  Alor Olion  Lx/By  L80/B10  Color of the light [K]  L80/B10  Color of the light [K]  L80/B10  Color of the light [K]  L80/B10  Color of the light efficiency [lm/W]  L80/B10  Color of the lig	LED power [W]	59,6
Luminaire's light efficiency [lm/W]  Color of the light [K]  A000  SDCM (LED sources)  Beam angle [°]  Photobiological risk class (IEC/EN 8G0  62471)  Protection against electric shock  I  Protection degree  Voltage  Lifetime of LED sources [h]  Deparating temperature range [°C]  Driver  Power factor cos φ  Circuit load capacity  152,7  4000  RG0  RG0  RG0  8G0  1966  Voltage  220240 V, 5060 Hz  90000  L80/B10  -40 ÷ 50  Standard on/off (E)  >0,95  Circuit load capacity  20 (B10), 32 (B16), 25 (C10), 40	Luminaire luminous flux [lm]	10350,2
Color of the light [K]  CRI  >80  SDCM (LED sources)  Beam angle [°]  Photobiological risk class (IEC/EN RG0  52471)  Protection against electric shock  Protection degree  Voltage  Lifetime of LED sources [h]  Lx/By  Departing temperature range [°C]  Driver  Power factor cos φ  Circuit load capacity  4000  RG0  RG0  RG0  RG0  RG0  RG0  RG	Power of luminaire [W]	67,8
SDCM (LED sources)  Beam angle [°]  Photobiological risk class (IEC/EN 82471)  Protection against electric shock  Protection degree  Voltage  Lifetime of LED sources [h]  Lx/By  Deparating temperature range [°C]  Prower factor cos φ  Circuit load capacity  3  asymmetric light distribution  RG0  RG0  1  PG0  RG0  RG0  RG0  RG0  PG0  RG0  RG0	Luminaire's light efficiency [lm/W]	152,7
SDCM (LED sources)  Beam angle [°]  Photobiological risk class (IEC/EN 62471)  Protection against electric shock  Protection degree  Voltage  Lifetime of LED sources [h]  Departing temperature range [°C]  Driver  Power factor cos φ  Circuit load capacity  3  asymmetric light distribution  RG0  RG0  PG0  P	Color of the light [K]	4000
Beam angle [°]  Photobiological risk class (IEC/EN 8G0 62471)  Protection against electric shock  Protection degree  Voltage  Lifetime of LED sources [h]  Lx/By  Departing temperature range [°C]  Driver  Power factor cos φ  Circuit load capacity  asymmetric light distribution  RG0  RG0  RG0  RG0  RB0  RB0  RB0  RB0	CRI	>80
Photobiological risk class (IEC/EN 8G0 62471)  Protection against electric shock Protection degree  Voltage  Voltage  Lifetime of LED sources [h]  Lx/By  Degrating temperature range [°C]  Driver  Power factor cos φ  Circuit load capacity  RG0  RG0  RG0  RG0  RG0  RG0  RG0  RG	SDCM (LED sources)	3
Protection against electric shock Protection degree Voltage Lifetime of LED sources [h] Poperating temperature range [°C] Prover Power factor cos φ Protection against electric shock I P66 P20240 V, 5060 Hz P0000 L80/B10 -40 ÷ 50 Standard on/off (E) P0wer factor cos φ P0,95 Circuit load capacity P0 (B10), 32 (B16), 25 (C10), 40	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 ÷ 50           Driver         standard on/off (E)           Power factor cos φ         >0,95           Circuit load capacity         20 (B10), 32 (B16), 25 (C10), 40	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 ÷ 50         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       20 (B10), 32 (B16), 25 (C10), 40	Protection against electric shock	I
Lifetime of LED sources [h]  90000  Lx/By  L80/B10  Operating temperature range [°C]  -40 ÷ 50  Oriver  standard on/off (E)  Power factor cos φ  >0,95  Circuit load capacity  20 (B10), 32 (B16), 25 (C10), 40	Protection degree	IP66
L80/B10  Operating temperature range [°C] -40 ÷ 50  Oriver standard on/off (E)  Power factor cos φ >0,95  Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	Voltage	220240 V, 5060 Hz
Operating temperature range [°C] $-40 \div 50$ Oriver $-40 \div 50$ Power factor $\cos \phi$ $>0,95$ Circuit load capacity $20 \text{ (B10), 32 (B16), 25 (C10), 40}$	Lifetime of LED sources [h]	90000
Driver         standard on/off (E)           Power factor cos φ         >0,95           Circuit load capacity         20 (B10), 32 (B16), 25 (C10), 40	Lx/By	L80/B10
Power factor cos φ >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	Operating temperature range [°C]	-40 ÷ 50
Circuit load capacity <b>20 (B10), 32 (B16), 25 (C10), 40</b>	Driver	standard on/off (E)
	Power factor cos φ	>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



