

Product: NEPTUN INDUSTRY LED 8000 PC-T OPTICS-ASY E IP66 21 840 / 1163X115X110MM ZASILANIE PRZELOTOWE

16A

Index: 19.4343.D121.21



## **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 8000 PC-T OPTICS-ASY E IP66 21 840 / 1163X115X110MM 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]  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]  Department of LED sources [h]  Prower factor cos φ  S524  40,8  40,8  40,4  46,4  4000  Sept.  4000  Sept.  80  Summetric light distribution  RG0  FG0  Sept.  Se		
LED power [W]  Luminaire luminous flux [Im]  Power of luminaire [W]  Luminaire's light efficiency [Im/W]  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  Operating temperature range [°C]  Driver  Power factor cos φ  Circuit load capacity  40,8  7443,9  46,4  4000  Sean and electric light distribution  RG0  RG0  RG0  1  Postable distribution  RG0  Saymmetric light distribution  Saymmetric light distribution  RG0  Saymmetric	Light source	LED
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]  Driver  Power factor cos φ  Circuit load capacity  7443,9  46,4  4000  160,4  4000  Saymmetric light distribution  RG0  83  Beam angle [°]  RG0  1866  LayBy  L80/B10  -25 ÷ 35  Standard on/off (E)  Power factor cos φ  Circuit load capacity  15 (B10), 25 (B16), 24 (C10), 38	Luminous flux LED [lm]	8524
Power of luminaire [W]  Luminaire's light efficiency [lm/W]  Color of the light [K]  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]  Driver  Power factor cos φ  Circuit load capacity  46,4  4000  46,4  4000  4000  4000  880  880  880  880	LED power [W]	40,8
Luminaire's light efficiency [lm/W]  Color of the light [K]  CRI  >80  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  160,4  4000  180,4  4000  RG0  RG0  RG0  RG0  RG0  PRO0  RG0  PRO0  RG0  PO000  L80/B10  -25 ÷ 35  Standard on/off (E)  >0,95  Circuit load capacity  15 (B10), 25 (B16), 24 (C10), 38	Luminaire luminous flux [lm]	7443,9
Color of the light [K]  CRI  >80  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  4000  A000  RG0  RG0  RG0  BPG0  RG0  RG0  CIPC/EN  RG0  BPG0  RG0  Asymmetric light distribution  RG0  BQ0  RG0  BQ0  RG0  BQ0  RG0  BQ0  CIPC/EN  BQ0  BQ0  CIPC/EN  BQ0  Asymmetric light distribution  RG0  BQ0  CIPC/EN  BQ0  BQ0  CIPC/EN  BQ0  CIPC/EN  SQ0  SQ1  SQ1  SQ1  SQ1  SQ1  SQ1  SQ1	Power of luminaire [W]	46,4
SDCM (LED sources)  Beam angle [°]  Photobiological risk class (IEC/EN RG0  S2471)  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  1  RG0  S2471)  PG0  RG0  LEC/EN RG0  RG0  S400  RG0  LEC/EN RG0  RG0  S400  RG0  LEC/EN RG0  RG0  LEC/EN RG0  RG0  LEC/EN RG0  RG0  LEC/EN RG0  LEC/EN RG0  S400  LEC/EN RG0  S400  LEC/EN RG0  S400  S400	Luminaire's light efficiency [lm/W]	160,4
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  RG0  PG0  RG0  PG0  RG0  PG0  RG0  PG0  RG0  PG0  P	Color of the light [K]	4000
Beam angle [°]  Photobiological risk class (IEC/EN 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  Agymmetric light distribution  RG0  RG0  RG0  RG0  RG0  RG0  RB0  RB0	CRI	>80
Photobiological risk class (IEC/EN 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 Protection degree Voltage Lifetime of LED sources [h] Poperating temperature range [°C] Prover Prover factor cos φ Protection against electric shock I P66 Protection degree Protection degree Protection against electric shock I P66 Protection degree Protection against electric shock I P66 Protection degree Protection against electric shock I P66 Protection against electric shock I P66 Protection degree Protec	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]         -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  L80/B10  Operating temperature range [°C]  Driver  Standard on/off (E)  Power factor cos φ  >0,95  Circuit load capacity  L80/B10  -25 ÷ 35  Standard on/off (E)  >0,95  Circuit load capacity  15 (B10), 25 (B16), 24 (C10), 38	Voltage	220240 V, 5060 Hz
Operating temperature range [°C] $-25 \div 35$ Driver $-25 \div 35$ Power factor $\cos \phi$ $>0,95$ Circuit load capacity $15$ (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)</b> , <b>25 (B16)</b> , <b>24 (C10)</b> , <b>38</b>	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



