

Product: NEPTUN INDUSTRY LED 10000 PC-T OPTICS-ASY EDD IP66 21 840 / 1163X115X110MM ZASILANIE PRZELOTOWE 16A 5X HT50

Index: 19.4344.K223.21



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 10000 PC-T OPTICS-ASY EDD IP66 21 840 / 1163X115X110MM ZASILANIE PRZELOTOWE 16A 5X HT50 $$
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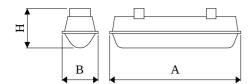


Light and electrical data

Luminous flux LED [lm] LED power [W] LeD power [W] Luminaire luminous flux [lm] B422 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 82471) Protection against electric shock Protection degree Voltage Lifetime of LED sources [h] Departing temperature range [°C] Power factor cos φ Power factor cos φ Po,95		
LED power [W] 46,8 Luminaire luminous flux [Im] 8422 Power of luminaire [W] 53,2 Luminaire's light efficiency [Im/W] 158,3 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 DIM DALI (EDD) 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] S3,2 Luminaire's light efficiency [lm/W] CRI SDCM (LED sources) Beam angle [°] Photobiological risk class (IEC/EN 860 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 8422 8422 8422 8422 8422 8422 8422 8422 8422 8422 8422 8422 8422 8422 8422 8422 8400 8422 8400 8400 8400 8400 8422 8400 8400 8400 8422 8400 8400 8400 8422 8400 8400 8400 8422 8400 8400 8400 8422 8400 8400 8400 8422 8400 8400 8400 8422 8400 8400 8400 8400 8422 8400 8400 8400 8400 8422 8400 8	Luminous flux LED [lm]	9644
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 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 53,2 4000 FS8,3 4000 RG0 RG0 RG0 RG0 PRO RG0 BP66 L80/B10 -40 ÷ 50 DIM DALI (EDD) Power factor cos φ Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	LED power [W]	46,8
Luminaire's light efficiency [lm/W] Color of the light [K] Color of the light [K] CRI >80 SDCM (LED sources) Beam angle [°] Photobiological risk class (IEC/EN RG0 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 158,3 4000 RG0 RG0 Saymmetric light distribution RG0 RG0 849 849 849 849 840 840 840 84	Luminaire luminous flux [lm]	8422
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]	53,2
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 RG0 PG0 RG0 RG0 RG0 PG0 P	Luminaire's light efficiency [lm/W]	158,3
SDCM (LED sources) Beam angle [°] Photobiological risk class (IEC/EN RG0 S2471) Protection against electric shock I 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 RG0 PG0 P	Color of the light [K]	4000
Beam angle [°] Photobiological risk class (IEC/EN 860 82471) 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 RB0 RB0 RB0	CRI	>80
Photobiological risk class (IEC/EN 8G0 62471) Protection against electric shock I Protection degree IP66 Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] 90000 Lx/By L80/B10 Degrating temperature range [°C] -40 ÷ 50 Driver DIM DALI (EDD) Power factor cos φ >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	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 Circuit load capacity Protection against electric shock I P66 P9000 L80/B10 90000 L80/B10 -40 ÷ 50 DIM DALI (EDD) >0,95 Circuit load capacity 20 (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 DIM DALI (EDD) 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 DIM DALI (EDD) 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 Driver DIM DALI (EDD) Power factor cos φ >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	Protection degree	IP66
Lx/By L80/B10 Operating temperature range [°C] Oriver DIM DALI (EDD) 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 ÷ 50 Driver DIM DALI (EDD) Power factor cos φ >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	Lifetime of LED sources [h]	90000
Driver DIM DALI (EDD) 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 20 (B10) , 32 (B16) , 25 (C10) , 40	Driver	DIM DALI (EDD)
	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



