

Product: NEPTUN INDUSTRY LED 8000 PC-T OPTICS-ASY EDD IP66 21 830 / 1163X115X110MM ZASILANIE PRZELOTOWE 16A 5X HT50

Index: 19.4344.K113.21



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 8000 PC-T OPTICS-ASY EDD IP66 21 830 / 1163X115X110MM ZASILANIE PRZELOTOWE 16A 5X HT50
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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] SDCM (LED sources) Beam angle [°] Photobiological risk class (IEC/EN 62471) Protection against electric shock Protection degree Voltage Lifetime of LED sources [h] Diver Power factor cos φ 105,1 153,1 3000 280 380 380 890 890 890 890 890 8		
LED power [W] Luminaire luminous flux [Im] Power of luminaire [W] Luminaire's light efficiency [Im/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 40,8 7105,1	Light source	LED
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] Driver Power factor cos φ Circuit load capacity 7105,1 46,4 41 46,4 153,1 3000 Saymmetric light distribution RG0 860 1 P66 L80 L80 L80 L80 L80 L80 L80 L	Luminous flux LED [lm]	8136
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 46,4 153,1 3000 Saymmetric light distribution RG0 RG0 860 1 PRO0 RG0 RG0 PO00 L8/B10 -40 ÷ 50 DIM DALI (EDD) Power factor cos φ 20 (B10), 32 (B16), 25 (C10), 40	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 153,1 3000 RG0 RG0 RG0 RG0 RG0 PRO0 RG0 RG0 PO00 Ly/5060 Hz PO000 L80/B10 -40 ÷ 50 DIM DALI (EDD) >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	Luminaire luminous flux [lm]	7105,1
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 3000 RG0 RG0 RG0 1 PRO0 RG0 Au Light distribution RG0 By Au Light distribution RG0 Au Light distribution RG0 Au Light distribution RG0 Light distribution RG0 Au Light distribution RG0 Light distribution RG0 Au Light distribution RG0 Light distribution	Power of luminaire [W]	46,4
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 3 asymmetric light distribution RG0 RG0 RG0 RG0 RG0 RG0 PRO0 RG0 PRO0 RB0 Lb/B1 PO000 L80/B10 -40 ÷ 50 DIM DALI (EDD) >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	Luminaire's light efficiency [lm/W]	153,1
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 3 asymmetric light distribution RG0 RG0 IP66 PR0 PR0 PR0 PR0 PR0 PR0 PR0	Color of the light [K]	3000
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 asymmetric 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 Diver Dim Dali (EDD) Power factor cos φ Circuit load capacity PRO0 RG0 RG0 RG0 RG0 RG0 RG0 RB0 RB	SDCM (LED sources)	3
Protection against electric shock Protection degree Voltage Lifetime of LED sources [h] Diver Power factor cos φ Circuit load capacity IP66 P06 P06 P06 P06 P06 P06 P0	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] Driver 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



