

Product: NEPTUN INDUSTRY LED 12000 PC-T OPTICS-ASY EDD IP66 21 840 / 1563X115X110MM ZASILANIE PRZELOTOWE 16A 5X HT50





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 EDD IP66 21 840 / 1563X115X110MM ZASILANIE PRZELOTOWE 16A 5X HT50 $$
Index	19.4344.K523.21













Light and electrical data

Luminous flux LED [lm] LED power [W] S8,5 Luminaire luminous flux [lm] Power of luminaire [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] Diver Power factor cos φ 10494,1 10494,1 10494,1 10494,1 10494,1 10494,1 10494,1 10494,1 10494,1 10494,1 10494,1 10494,1 10490 10400 10400 10400 1057,8 10400 1057,8 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067 1067		
LED power [W] Luminaire luminous flux [Im] Power of luminaire [W] Color of the light efficiency [Im/W] 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 58,5 10494,1 4000 57,8 4000 880 SDCM (LED sources) 3 asymmetric light distribution RG0 FRG0 860 1 Protection degree IP66 220240 V, 5060 Hz 90000 L80/B10 -40 ÷ 50 DIM DALI (EDD) Power factor cos φ Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	Light source	LED
Luminaire luminous flux [lm] Power of luminaire [W] 66,5 Luminaire's light efficiency [lm/W] Color of the light [K] 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 10494,1 10494,1 166,5 187,8 4000 RG0 RG0 8G0 1890 1966 1966 220240 V, 5060 Hz 190000 180/B10 -40 ÷ 50 DIM DALI (EDD) Power factor cos φ 20 (B10), 32 (B16), 25 (C10), 40	Luminous flux LED [lm]	12055
Power of luminaire [W] 66,5 Luminaire's light efficiency [Im/W] 157,8 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 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	LED power [W]	58,5
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 157,8 4000 RG0 RG0 RG0 RG0 RG0 PRO0 RG0 PRO0 RG0 PO000 Ly/B0 Ly/B0 L80/B10 -40 ÷ 50 DIM DALI (EDD) >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	Luminaire luminous flux [lm]	10494,1
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 August 4000 August 4000 RG0 RG0 RG0 RG0 RG0 RG0 RG0	Power of luminaire [W]	66,5
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 RB0 RB0 PO0 RB0 LV/S060 Hz SOURCES [h] SOURCES [h	Luminaire's light efficiency [lm/W]	157,8
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 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 Operating temperature range [°C] Driver Power factor cos φ Circuit load capacity asymmetric light distribution RG0 RG0 RG0 RG0 RG0 RB0 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 RB0 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] Diver DIM DALI (EDD) Power factor cos φ >0,95 Circuit load capacity L80/B10 -40 ÷ 50 DIM DALI (EDD) >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 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]	1563 x 115 x 110

A graph of light



