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Product: NEPTUN INDUSTRY LED 14000 PC-T OPTICS-ASY EDD IP66 21 840 / 1163X115X110MM ZASILANIE PRZELOTOWE 16A 5X

19.4343.K423.21



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 14000 PC-T OPTICS-ASY EDD IP66 21 840 / 1163X115X110MM ZASILANIE PRZELOTOWE 16A 5X
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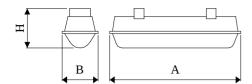


Light and electrical data

Luminous flux LED [Im]14000LED power [W]72,8Luminaire luminous flux [Im]12226,1Power of luminaire [W]82,8Luminaire's light efficiency [Im/W]147,7Color of the light [K]4000CRI>80SDCM (LED sources)3Beam angle [°]asymmetric light distributionPhotobiological risk class (IEC/EN 62471)RG0Protection against electric shockIProtection degreeIP66Voltage220240 V, 5060 HzLifetime of LED sources [h]90000Lx/ByL80/B10Operating temperature range [°C]-40 ÷ 35DriverDIM DALI (EDD)Power factor cos φ>0,95		
LED power [W] 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] Diw DALI (EDD) Power factor cos φ Circuit load capacity 72,8 12226,1 147,7 4000 147,7 4000 R80 Saymmetric light distribution RG0 147,7 4000 RG0 189 Asymmetric light distribution RG0 19000 Ly/By L80/B10 -40 ÷ 35 Driver DIM DALI (EDD) Power factor cos φ Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	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 147,7 4000 Augusta 4000 RG0 Saymmetric light distribution RG0 RG0 1 P66 Voltage L80/B10 -40 ÷ 35 Driver DIM DALI (EDD) >0,95 Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	Luminous flux LED [lm]	14000
Power of luminaire [W] 82,8 Luminaire's light efficiency [lm/W] 147,7 Color of the light [K] 4000 CRI >80 SDCM (LED sources) 3 Beam angle [°] asymmetric light distribution Photobiological risk class (IEC/EN 62471) RG0 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 ÷ 35 Driver DIM DALI (EDD) Power factor cos φ >0,95 Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	LED power [W]	72,8
Luminaire's light efficiency [lm/W] 147,7 Color of the light [K] 4000 CRI >80 SDCM (LED sources) 3 Beam angle [$^{\circ}$] 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 [$^{\circ}$ C] -40 \div 35 Driver DIM DALI (EDD) Power factor cos ϕ >0,95 Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	Luminaire luminous flux [lm]	12226,1
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 ÷ 35 Driver DIM DALI (EDD) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	Power of luminaire [W]	82,8
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Luminaire's light efficiency [lm/W]	147,7
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] DiM DALI (EDD) Power factor $\cos \varphi$ Circuit load capacity 3 asymmetric light distribution RG0 RG0 1 PG0 PG0 RG0 L80 RG0 L966 V0.240 V, 5060 Hz 220240 V, 5060 Hz 240240 V, 5060 Hz DIM DALI (EDD) >0,955 Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	Color of the light [K]	4000
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 \div 35 Driver DIM DALI (EDD) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	CRI	>80
Photobiological risk class (IEC/EN 62471) Protection against electric shock Protection degree IP66 Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] Lx/By Differ protection degree Power factor $cos \phi$ Circuit load capacity PRG0 RG0 RG0 RG0 RG0 PG0 RG0 PG0 P	SDCM (LED sources)	3
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 \div 35 Driver DIM DALI (EDD) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	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 ÷ 35 Driver DIM DALI (EDD) Power factor cos φ >0,95 Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	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 ÷ 35 Driver DIM DALI (EDD) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	Protection against electric shock	I
Lifetime of LED sources [h] 90000 Lx/By L80/B10 Operating temperature range [°C] -40 \div 35 Driver DIM DALI (EDD) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	Protection degree	IP66
Lx/By L80/B10 Operating temperature range [°C] -40 \div 35 Driver DIM DALI (EDD) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	Voltage	220240 V, 5060 Hz
Operating temperature range [°C] $-40 \div 35$ Driver DIM DALI (EDD) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	Lifetime of LED sources [h]	90000
Driver DIM DALI (EDD) Power factor cos φ >0,95 Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	Lx/By	L80/B10
Power factor cos φ >0,95 Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	Operating temperature range [°C]	-40 ÷ 35
Circuit load capacity 20 (B10), 32 (B16), 20 (C10), 32	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]	1163 x 115 x 110

A graph of light



