

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

16A HT50

Index: 19.4344.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, 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 E IP66 21 840 / 1163X115X110MM ZASILANIE PRZELOTOWE 16A HT50
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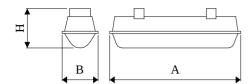


Light and electrical data

Luminous flux LED [Im] 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] Power factor cos φ Power factor cos φ S524 40,8 40,8 40,8 46,4 4000 46,4 4000 S80 S80 S80 SP0 S8 RG0 FRG0 Electric light distribution RG0 FRG0 LED sources [h] Po000 L80/B10 -40 ÷ 50 Standard on/off (E) Power factor cos φ >0,95		
LED power [W]40,8Luminaire luminous flux [Im]7443,9Power of luminaire [W]46,4Luminaire's light efficiency [Im/W]160,4Color 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 ÷ 50Driverstandard on/off (E)Power factor cos φ>0,95Circuit load capacity20 (B10), 32 (B16), 25 (C10), 40	Light source	LED
Luminaire luminous flux [Im] 7443,9 Power of luminaire [W] 46,4 Luminaire's light efficiency [Im/W] 160,4 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 standard on/off (E) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	Luminous flux LED [lm]	8524
Power of luminaire [W]46,4Luminaire's light efficiency [lm/W]160,4Color 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 ÷ 50Driverstandard on/off (E)Power factor $\cos \varphi$ >0,95Circuit load capacity20 (B10), 32 (B16), 25 (C10), 40	LED power [W]	40,8
Luminaire's light efficiency [lm/W] 160,4 Color of the light [K] 4000 CRI >80 SDCM (LED sources) 3 Beam angle [°] asymmetric light distribution Photobiological risk class (IEC/EN RG0 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 standard on/off (E) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	Luminaire luminous flux [lm]	7443,9
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 standard on/off (E) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	Power of luminaire [W]	46,4
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 standard on/off (E) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	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] Lx/By Operating temperature range [°C] Driver Power factor $\cos \varphi$ Circuit load capacity 3 asymmetric light distribution RG0 RG0 1 PG0 RG0 220240 V, 5060 Hz 220240 V, 5060 Hz 240240 V, 5060 Hz 250240 V, 5060 Hz 260250 Electric shock Square IP66 270240 V, 5060 Hz 280240 V, 5060 Hz 290240 V, 5060 Hz 290240 V, 5060 Hz 200240 V, 5060 Hz	Color of the light [K]	4000
Beam angle [°] asymmetric light distribution Photobiological risk class (IEC/EN 62471) Protection against electric shock Protection degree Voltage Lifetime of LED sources [h] 90000 Lx/By L80/B10 Operating temperature range [°C] -40 ÷ 50 Driver standard on/off (E) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	CRI	>80
Photobiological risk class (IEC/EN 62471) Protection against electric shock Protection degree Voltage Lifetime of LED sources [h] Lx/By Univer Protection degree Protection deg	SDCM (LED sources)	3
62471)Protection against electric shockIProtection degreeIP66Voltage220240 V, 5060 HzLifetime of LED sources [h]90000Lx/ByL80/B10Operating temperature range [°C]-40 ÷ 50Driverstandard on/off (E)Power factor $\cos \varphi$ >0,95Circuit load capacity20 (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 standard on/off (E) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40		RG0
Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] 90000 Lx/By L80/B10 Operating temperature range [°C] -40 ÷ 50 Driver standard on/off (E) Power factor $\cos \varphi$ >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 standard on/off (E) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	Protection degree	IP66
Lx/By L80/B10 Operating temperature range [°C] -40 \div 50 Driver standard on/off (E) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	Voltage	220240 V, 5060 Hz
Operating temperature range [°C] $-40 \div 50$ Driver $standard on/off (E)$ Power factor $cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	Lifetime of LED sources [h]	90000
Driver standard on/off (E) Power factor $\cos \varphi$ >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	standard on/off (E)
	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



