

Product: NEPTUN INDUSTRY LED 10000 PC-T OPTICS-60 EDD IP66 21 840 / 1563X115X110MM ZASILANIE PRZELOTOWE 16A 5X HT50

Index: 19.4344.G423.21



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-60 EDD IP66 21 840 / 1563X115X110MM ZASILANIE PRZELOTOWE 16A 5X HT50
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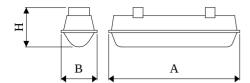


Light and electrical data

Light sourceLEDLuminous flux LED [Im]10655LED power [W]51Luminaire luminous flux [Im]9546,4Power of luminaire [W]58Luminaire's light efficiency [Im/W]164,6Color of the light [K]4000CRI>80SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 54,6° / 54°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIProtection degreeIP66Voltage220240 V, 5060 HzLifetime of LED sources [h]90000Lx/ByL80/B10Operating temperature range [°C]-40 ÷ 50DriverDIM DALI (EDD)Power factor cos φ>0,95Circuit load capacity20 (B10), 32 (B16), 25 (C10), 40 (C16)		
LED power [W] 51 Luminaire luminous flux [Im] 9546,4 Power of luminaire [W] 58 Luminaire's light efficiency [Im/W] 164,6 Color of the light [K] 4000 CRI >80 SDCM (LED sources) 3 Beam angle [°] (C0-C180) / (C90-C270) - 54,6° / 54° 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 ÷ 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]9546,4Power of luminaire [W]58Luminaire's light efficiency [lm/W]164,6Color of the light [K]4000CRI>80SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 54,6° / 54°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIProtection degreeIP66Voltage220240 V, 5060 HzLifetime of LED sources [h]90000Lx/ByL80/B10Operating temperature range [°C]-40 ÷ 50DriverDIM DALI (EDD)Power factor cos φ>0,95Circuit load capacity20 (B10), 32 (B16), 25 (C10), 40	Luminous flux LED [lm]	10655
Power of luminaire [W] 58 Luminaire's light efficiency [lm/W] 164,6 Color of the light [K] 4000 CRI >80 SDCM (LED sources) 3 Beam angle [°] (C0-C180) / (C90-C270) - 54,6° / 54° / 54° / 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]	51
Luminaire's light efficiency [lm/W] 164,6 Color of the light [K] 4000 CRI >80 SDCM (LED sources) 3 Beam angle [°] (C0-C180) / (C90-C270) - 54,6° / 54° 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 $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	Luminaire luminous flux [lm]	9546,4
Color of the light [K] 4000 CRI >80 SDCM (LED sources) 3 Beam angle [°] (C0-C180) / (C90-C270) - 54,6° / 54° /	Power of luminaire [W]	58
CRI >80 SDCM (LED sources) 3 Beam angle [°] (C0-C180) / (C90-C270) - 54,6° / 54° 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 $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	Luminaire's light efficiency [lm/W]	164,6
SDCM (LED sources) Beam angle [°] Photobiological risk class (IEC/EN 62471) Protection against electric shock Protection degree IP66 Voltage Lifetime of LED sources [h] Operating temperature range [°C] Driver Power factor $\cos \varphi$ Circuit load capacity 3 (C0-C180) / (C90-C270) - 54,6° / 54° RG0 IP66 PG0 PG0 RG0 PG0 PG0 RG0 PG0 PG0	Color of the light [K]	4000
Beam angle [°](C0-C180) / (C90-C270) - 54,6° / 54°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIProtection degreeIP66Voltage220240 V, 5060 HzLifetime of LED sources [h]90000Lx/ByL80/B10Operating temperature range [°C]-40 ÷ 50DriverDIM DALI (EDD)Power factor $\cos \varphi$ >0,95Circuit load capacity20 (B10), 32 (B16), 25 (C10), 40	CRI	>80
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 50 Driver DIM DALI (EDD) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B16), 25 (C10), 40	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 ÷ 50 Driver DIM DALI (EDD) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	Beam angle [°]	(C0-C180) / (C90-C270) - 54,6° / 54°
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	• • • • • • • • • • • • • • • • • • • •	RG0
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Lifetime of LED sources [h] 90000 Lx/By L80/B10 Operating temperature range [°C] -40 ÷ 50 Driver DIM DALI (EDD) Power factor $\cos \varphi$ >0,95 Circuit load capacity 20 (B10), 32 (B16), 25 (C10), 40	Protection degree	IP66
Lx/ByL80/B10Operating temperature range [°C]-40 ÷ 50DriverDIM DALI (EDD)Power factor $\cos φ$ >0,95Circuit load capacity20 (B10), 32 (B16), 25 (C10), 40	Voltage	220240 V, 5060 Hz
Operating temperature range [°C] $-40 \div 50$ Driver DIM DALI (EDD) Power factor $\cos \varphi$ >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 (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 of surface mounted on slings Material polycarbonate Color RAL 9006 (grey) Diffuser PC-T (transparent polycarbonate) Impact resistant Dimensions [mm] 1563 x 115 x 110		
Color RAL 9006 (grey) Diffuser PC-T (transparent polycarbonate) Impact resistant IK10	Assembly	directly mounted to ceiling construction or surface mounted on slings
Diffuser PC-T (transparent polycarbonate) Impact resistant IK10	Material	polycarbonate
Impact resistant IK10	Color	RAL 9006 (grey)
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Dimensions [mm] 1563 x 115 x 110	Impact resistant	IK10
	Dimensions [mm]	1563 x 115 x 110

A graph of light



