

Product: NEPTUN INDUSTRY LED 12000 PC-T OPTICS-90 EDD 21 IP66 840 / 1163X115X110 MM HT50

Index: 19.4344.3323.21



Description

Tightly-closed ceiling luminaires 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 luminaire 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.

Product information

Category	Industrial luminaires
Family	NEPTUN INDUSTRY LED OPTICS HT50
Name	NEPTUN INDUSTRY LED 12000 PC-T OPTICS-90 EDD 21 IP66 840 / 1163X115X110 MM HT50
Index	19.4344.3323.21



Light and electrical data

Light source	LED
Luminous flux LED [lm]	11852
LED power [W]	59,6
Luminaire luminous flux [lm]	10539
Power of luminaire [W]	67,8
Luminaire's light efficiency [lm/W]	155,4
Color of the light [K]	4000
CRI	>80
SDCM (LED sources)	3
Beam angle [°]	(C0-C180) / (C90-C270) - 85,4° / 84,2°
Photobiological risk class (IEC/EN 62471)	RG0
Protection against electric shock	I
Protection degree	IP66
Voltage	220..240 V, 50..60 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 (C16)

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



cd/klm
— C0 - C180 — C90 - C270

$\eta = 89\%$