

Product: NEPTUN INDUSTRY LED 16000 PC-OPAL E IP66 840 / 1563X115X110MM HT50

Index: 19.4330.4221.21



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.

Product information

Category	Industrial luminaires
Family	NEPTUN INDUSTRY LED HT50
Name	NEPTUN INDUSTRY LED 16000 PC-OPAL E IP66 840 / 1563X115X110MM HT50
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Light and electrical data

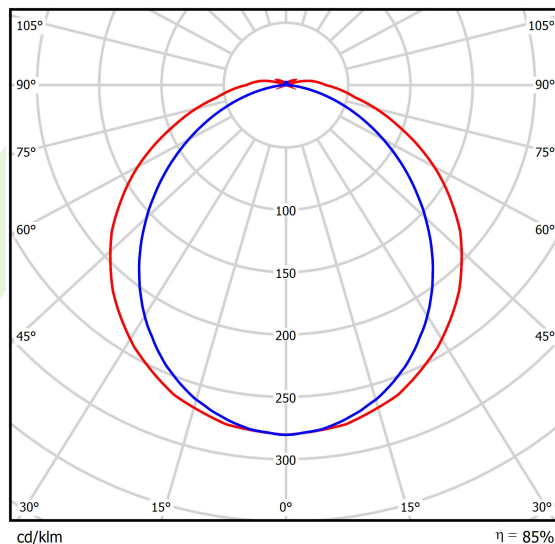
Light source	LED
Luminous flux LED [lm]	16230
LED power [W]	78,6
Luminaire luminous flux [lm]	13851
Power of luminaire [W]	87,3
Luminaire's light efficiency [lm/W]	158,7
Color of the light [K]	4000
CRI	>80
SDCM (LED sources)	3
Beam angle [°]	(C0-C180) / (C90-C270) - 120,4° / 99°
Photobiological risk 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]	60000
Lx/By	L80/B10
Operating temperature range [°C]	-40 ÷ 50
Driver	standard on/off (E)
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	grey
Diffuser	PC (opalescent polycarbonate)
Impact resistant	IK10
Dimensions [mm]	1563 x 115 x 110

A graph of light



cd/klm
— C0 - C180 — C90 - C270

$\eta = 85\%$