

Product: NEPTUN INDUSTRY LED COMPACT 18000 PC-OPAL EDD IP66 830 / 1563X115X110MM

Index: 19.4316.3213.21



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.

Product information

Category	Compact
Family	NEPTUN INDUSTRY LED COMPACT
Name	NEPTUN INDUSTRY LED COMPACT 18000 PC-OPAL EDD IP66 830 / 1563X115X110MM
Index	19.4316.3213.21



Light and electrical data

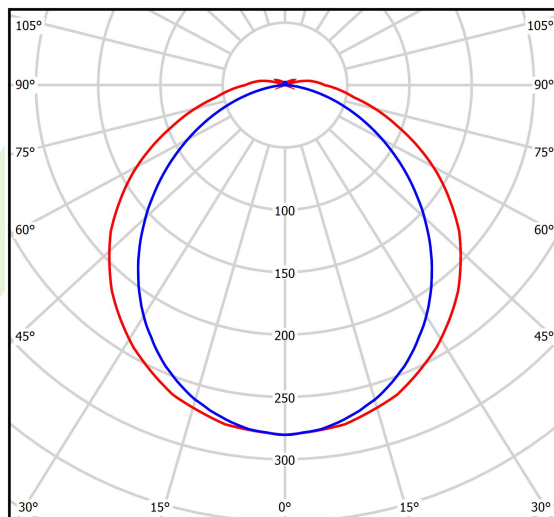
Light source	LED
Luminous flux LED [lm]	18447
LED power [W]	97,5
Luminaire luminous flux [lm]	15743
Power of luminaire [W]	108,3
Luminaire's light efficiency [lm/W]	145,4
Color of the light [K]	3000
CRI	>80
SDCM (LED sources)	3
Beam angle [°]	(C0-C180) / (C90-C270) - 120,4° / 99°
Photobiological risk 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]	-25 ÷ 35
Driver	DIM DALI (EDD)
Power factor cos φ	>0,95
Circuit load capacity	14 (B10), 22 (B16), 14 (C10), 22 (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

$\eta = 85\%$