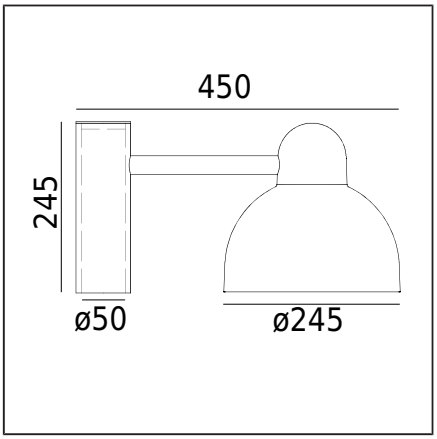
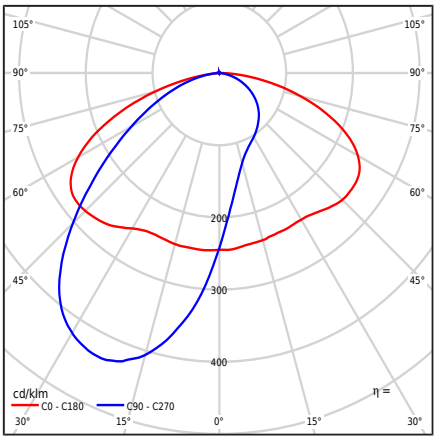
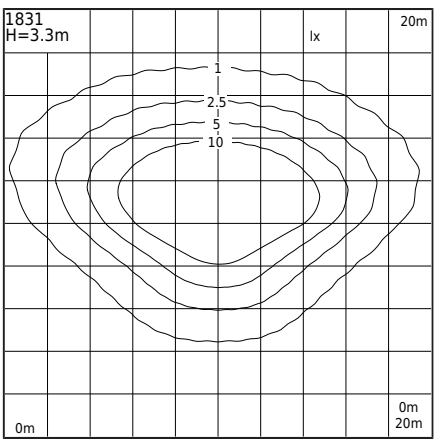
NORLYS KOSTER PRO 1831

Koster pro
1831XX0010
16.09.2026 v.10.7
www.norlys.no









Type of luminaire

Type of luminaire	Pole luminaire.
Photometric body	T2-M lens by Ledil company.
Characteristics of the luminaire	A straightforward arm-mounted fixture, designed for installation on a lighting pole with a Ø50mm mounting stem. Wide, even light distribution. Suitable for emergency installations with DC voltage: DC 176 ÷ 280 V

General information

Materials	Powder painted aluminum cast. Lens - transparent polycarbonate with structure, UV stabilized. Silicone gasket.
Mounting method	Fixture mounting: fixture adapted for ø50mm pole, depth 80mm. According to the attached installation instructions. Other accessories must be purchased separately.
Terminal	H05VV-F 2x1 L=4.2 White cable for internal connection inside the lighting pole (in an appropriately selected electrical junction box).
Type of light source	LED module, electronic power supply Replaceable (LED only) light source by a professional. Replaceable control gear by a professional.
Light control	Phase-dimming (TRIAC) TRAILING EDGE (TE) - LEADING EDGE (LE)
Luminaire weight net / gross	2,6kg / 2,9kg
Box dimensions [cm]	46cm x 26cm x 26cm
Luminaire dimensions [cm]	45cm x 24,5cm x 24,5cm
Side area of luminaire	0,045m^2

Technical data

LED module	Philips Fortimo FastFlex LED 2x4 G5 4K (Datasheet)
Driver	Yes
Light source wattage	15,4W
Luminaire wattage	17,1W
Lamp luminous flux	2801lm
Luminaire luminous flux	2002lm
Efficiency of the luminaire	117,1lm/W
ULOR	0%
Color temperature	4000K
Colour consistency (McAdam ellipse)	SDCM5
Colour rendering index CRI	70
L90B10 [wg LM-80]	>100 000h
Power Factor luminaire	PF 0.85
Ta Rated temperature	+25°C
Ambient operating temp. range	-20...+45°C

This product contains light source of energy efficiency class D / EPREL

Optionally, the fixture is also available in:
- operating mode/dimming: phase dimming; DALI; 1...10V; DALI outdoor full program
- other operating modes/dimming per special order within the "middle of the night" NightDim system
- for LED colors: 2200K, 2700K .... [1/1]
- for different luminous flux values
- in a version with a surge protection device (SPD)
- for different fixture colors (according to the RAL color palette)

Terms of sale and additional information available upon consultation with Norlys Sales Department
Luminaire sur bras droit fixé, prévu pour être monté
sur un poteau d'éclairage avec un support de montage Ø50 mm.
Répartition large et uniforme de la lumière.
Convient aux installations d'urgence avec tension continue : DC 176 ÷ 280 V.

BUG rating	B1-U1-G1

Accessories sold separately

1270XX0010	Telescopic pole
1273XX0009	Telescopic pole
3011XX0010	Telescopic pole

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Management System ISO 9001:2015 IATF 16949:2016 TÜVRheinland CERTIFIED www.tuv.com ID 9108651873

PCC Cert CERTIFICATE ISO 14001

RoHS 2011/65/UE

Before starting the installation, you should read the instructions attached to the fixture. Installation and maintenance work must be carried out by a person with the appropriate authorizations and qualifications, in accordance with the applicable regulations. Due to the dynamic development of lighting technology, additional information is provided upon customer request. Condensation that may occur in the fixtures is a natural phenomenon and does not affect the quality of the fixture.

KOSTER PRO 1831



Spare parts

4699100416	LED module.
469996500	Power supply.
ZS1831zx0010	Service set.

Files to download

Photometric LDT files	Photometric IES files
Manual	

Indexes

Index	Color	RAL
1831AL	ALUMINUM	9006
1831GR	GRAPHITE	7016

Other colors according to the "Colors Template" pattern book - available on request, subject to agreement with Norlys' Sales Department.

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