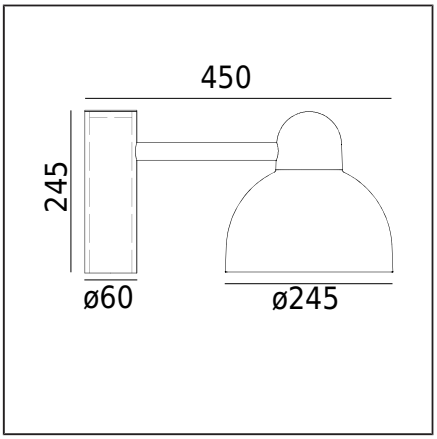
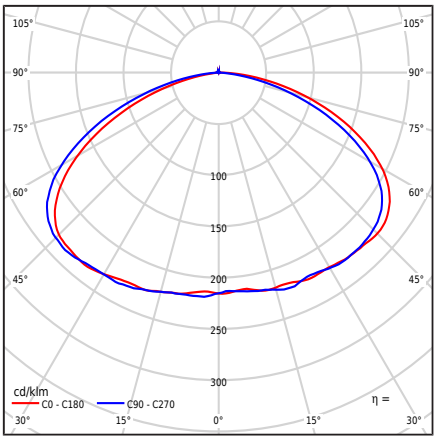
NORLYS KOSTER PRO 1843

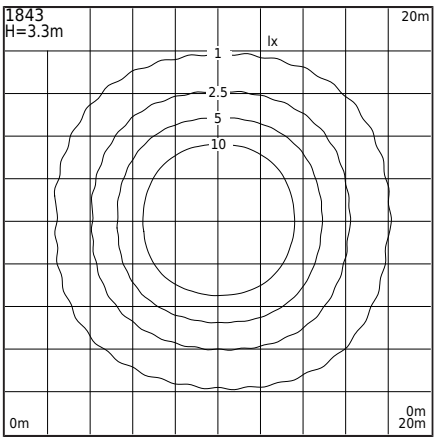
IP 65 | IK 10 | LED | DALI2

Koster pro
1843XX0010
06.11.2026 v.10.5
www.norlys.no









Type of luminaire

Type of luminaire	Pole luminaire.
Photometric body	Lens from Ledil type VSM (IESNA type V)
Characteristics of the luminaire	Luminaire with straight arm for mounting on a lighting pole with a mounting spigot Ø50mm. Wide, even light distribution.

General information

Materials	Powder painted aluminum cast. Lens - transparent polycarbonate with structure, UV stabilized.
Mounting method	Fixture mounting: fixture adapted for a ø60mm pole, depth 80mm. Other accessories must be ordered separately.
Terminal	H05VV-F 5G1 cable with a length of 3.7m for internal connection inside the lighting pole (in a suitably selected electro-installation 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	System light control: DALI outdoor full programm. The power supply is programmed for the maximum permitted current. Programming of other parameters after contact with the Norlys Sales Department.
Luminaire weight net / gross	2,86kg / 3,74kg
Box dimensions [cm]	43,5cm x 29cm x 24cm
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
Driver durability	100000h
External control	DALI2 / NightDim (XI FP NLD) (User manual)
Light source wattage	15,4W
Luminaire wattage	18,4W
Lamp luminous flux	2801lm
Luminaire luminous flux	1938lm
Efficiency of the luminaire	105,3lm/W
ULOR	0%
Color temperature	4000K
Colour consistency (McAdam ellipse)	SDCM5
Flicker of light (Pst LM)	≤0.1
Strobe effect (SVM)	≤0.1
Colour rendering index CRI	70
L90B10 [wg LM-80]	>100 000h
LED photobiological threat	RG0 or RG1
Power Factor luminaire	PF>0.98
THD factor	7%
Overvoltage	6 / 10kV
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:
- for LED colors 2200K/2700K
- for a different luminous flux value
- for a different fixture color (according to the RAL color palette)

Sales conditions and other information upon agreement with the Norlys Sales Department.
Luminaire sur un bras droit monté, destiné à être installé sur un poteau d'éclairage avec une douille de montage Ø50 mm.
Répartition large et uniforme de la lumière.

Inrush current	15A / 295µsec
BUG rating	B1-U1-G1

Maximum number of luminaires of this type per MCB:

B 10A: 18, B 16A: 29, C 10A: 30, C 16A: 49

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

CERTIFICATE ISO 14001

RoHS 2011/65/UE

Before starting the installation, you must read the instructions attached to the fixture. Due to the dynamic development of lighting technology, additional information is available upon the client's request. Condensation that may occur in fixtures is a natural phenomenon and does not affect the deterioration of the fixture's quality.

KOSTER PRO 1843

AC 220-240V 50-60Hz | IP 65 | IK 10 | LED | DALI2

Accessories sold separately

7660XX0009	Reduction

Spare parts

911750000	Electrical service kit.
ZS1843zx0010	Repair kit.

Files to download

Photometric LDT files	Photometric IES files
Manual	

Indexes

Index	Color	RAL
1843AL	ALUMINUM	9006
1843GR	GRAPHITE	7016

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

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