| AC 220-240V 50-60Hz | □ | IP 65 | IK 08 | LED | DIM |

Type of luminaire

Type of luminaire	Post light fixture.
Photometric body	Rotationally symmetric light shaded from above.
Characteristics of the luminaire	A sturdy and durable bollard fixture. For illuminating private areas and other architectural concepts.

General information

Materials	Wood - scandinavian painted pine and hot-dip galvanized steel. Wood - scandinavian painted pine, hot-dip galvanized and powder painted steel. Lens - plastic PMMA in milky color. Silicone gasket.
Mounting method	Fixture mounting: 3 holes ø9mm on ø65mm diameter at 120° intervals. According to the included installation instructions. Other accessories must be purchased separately.
Terminal	Connection terminals: max 2x4mm², possibility of connecting the luminaire in a loop max 2x4mm². Cable in a round jacket with a maximum diameter of ø12.5mm.
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	6,08kg / 7,44kg
Box dimensions [cm]	20,5cm x 20,5cm x 91cm

Technical data

LED module	Yes
Driver	Yes
Driver durability	50000h
External control	Dim. TRIAC (KGP) (User manual)
Light source wattage	6,7W
Luminaire wattage	8,5W
Lamp luminous flux	1059lm
Luminaire luminous flux	146lm
Efficiency of the luminaire	17,2lm/W
ULOR	10%
Color temperature	3000K
Colour consistency (McAdam ellipse)	SDCM3
Colour rendering index CRI	80
L80B20 [wg LM-80]	>50 000h
L90B10 [wg LM-80]	>38 000h
Power Factor luminaire	PF 0,90
THD factor	20%
Ta Rated temperature	+25°C
Ambient operating temp. range	TA MAX=+65°C

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

Optionally, the fixture is also available:
- in safety version for Class I
- for LED color 2700K [1/1]
- for a different luminous flux value
- in version with surge protection device (SPD)
- for a different fixture color (according to the RAL color palette)
- for a different fixture height
Terms of sale and further information to be agreed with Norlys Sales Department.

Inrush current	8A / 10µs
BUG rating	B0-U2-G1

Accessories sold separately

3086GA0009 ⬚	Mounting adapter
205ZX0010 ⬚	Concreting anchor
3080GA0009 ⬚	Mounting adapter
206GA0010 ⬚	Ground anchor
206GA0S10 ⬚	Adapter for concrete foundation

850
150

cd/klm
C0 - C180   C90 - C270
η =

1665
H = 0.85 m

Management System
ISO 9001:2015
IATF 16949:2016
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PCC Cert
CERTIFICATE
ISO 14001

RoHS 2011/65/UE

Before starting installation, it is necessary to read the instructions included with the fixture. Due to the dynamic development of lighting technology, we provide additional information at the customer's request. Condensation that may occur in the fixtures is a natural phenomenon and does not affect the quality of the fixture.

Spare parts

ZS1665zx0009	Service set.

Files to download

Photometric LDT files	Photometric IES files
3D models and drawings	Manual
BIM ArchiCAD	

Indexes

Index	Color	RAL
1665BL	BLACK	9005
1665GA	HOT-DIP GALVANIZING	–

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

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IATF 16949:2016

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