

# SLICK.PRS ECO LED 45 Ex 5000K

Explosion-proof Led-based luminaires



## Description

SLICK ECO LED Ex is intended for usage in hazardous areas of all classes of indoor and outdoor installations of oil, gas and petrochemical industry according to explosion protection marking.

## Installation

Ceiling, wall mounting. Pendant mounting. Can be made to order with through wiring.

## Design

Coper-free aluminium alloy housing. Led-module and control gear are mounted inside the housing. Mounting straps, fasteners are made of stainless steel.

## Optical part

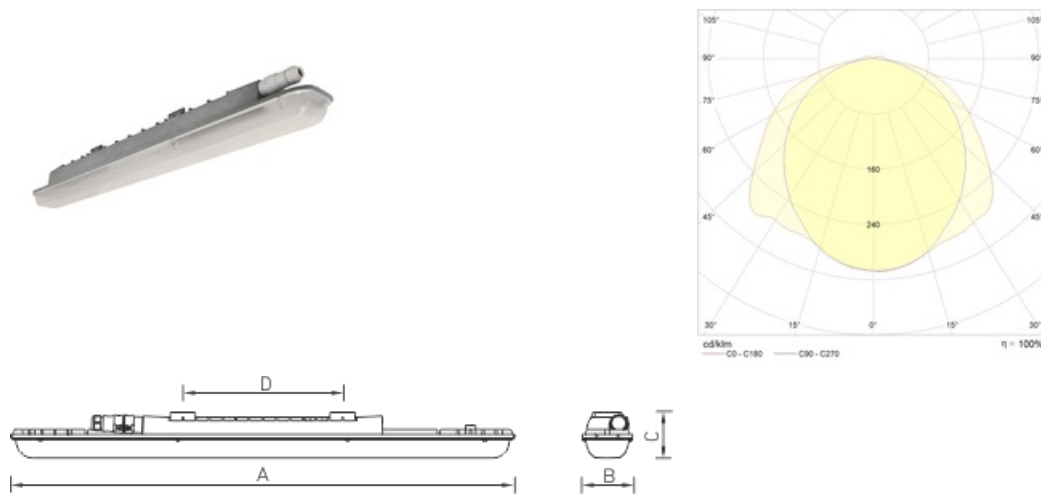
Opal or microprism diffuser of polycarbonate. Led type: SMD.

## EX Mark

2Ex nR II T6 Gc /Ex tb IIIC Ta80° Db X

## Characteristics

Explosion-proof protection according "restricted breathing enclosure "nR", "dust ignition protection t". Zones: gas explosion protection – 2; dust explosion protection – 22. Terminal: ex-proof connectors, three-conductor cable 3x0,75~4mm<sup>2</sup> (L+N+PE). Earthing: internal and external, M5. Color temperature: 5000 K (4000 K on request).



## Dimensional characteristics

A	Length	953 mm
B	Width	96 mm
C	Height	105 mm
D	Length (mounting)	302 mm
	Weight	2.5 kg

## Technical features

1	Article no.	1631000470
2	Marking for gas	2 Ex nR II T6 Gc
3	Dust marking	Ex tb IIIC T80 C Db X
4	Mine gas coal dust marking	-
5	Light source	LED
6	Luminous flux	5200 lm
7	Power compatibility	40 W
8	Energy efficiency	130 lm/W
9	Color rendering index (CRI)	>70
10	Color temperature	5000 K
11	Power factor (cosFI)	> 0,97
12	Alternating/direct current (AC/DC)	Yes
13	Dimming	-
14	Rated voltage	230 V
15	Electrical shock protection	I
16	Climate application	CIm App1
17	Ambient temperature	-40 to +55 C
18	Housing color	Grey
19	Fire protection class	-
20	Flickering	<5%
21	Ingress protection (IP)	IP66
22	Mechanical shock protection	IK08/7 J
23	Energy efficiency class	A+
24	Inrush current	25 A
25	Emergency power supply unit	No
26	Beam angle	D120
27	Warranty	60 months