

INSEL LB/R LED 120 D120 HFR MS 5000K /E/

INSEL Series recessed luminaires



Description

High IP rating, energy-efficient luminaire for recessed mounting (including under a petrol station canopy). Can be powered from 90–250 V, 50–60 Hz AC or 130–430 V DC mains. Replaces luminaires with metall halide lamp (MHL), mercury lamp, high pressure sodium lamp (HPS). Can be used in an emergency lighting installation with the DIALOG central emergency lighting system.

Installation

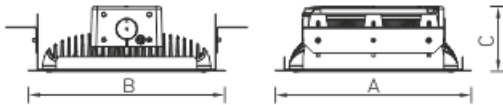
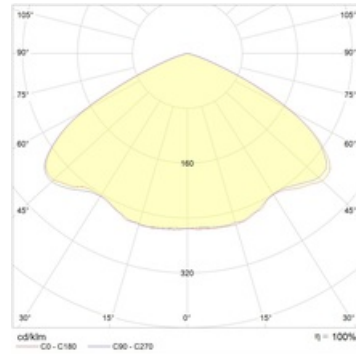
Luminaires are integrated into niches by means of fixing set (included into delivery set).

Design

Casing of die-cast aluminum. Solid metal welded frame, covered by white powder paint. Secondary optics of PMMA with different light distribution angles.

Optical part

Translucent tempered glass. LED type: SMD.



Dimensional characteristics

A	Length	480 mm
B	Width	390 mm
C	Height	130 mm
D	Length (mounting)	360 mm
E	Width (mounting)	360 mm
	Weight	12.3 kg

Technical features

1	Article no.	1997024830
2	Light source	LED
3	Luminous flux	12200 lm
4	Power compatibility	120 W
5	Energy efficiency	102 lm/W
6	Color rendering index (CRI)	>80
7	Color temperature	5000 K
8	Power factor (cosFI)	> 0,96
9	Alternating/direct current (AC/DC)	No
10	Dimming	Protocol 1-10 V
11	Rated voltage	230 V
12	Electrical shock protection	I
13	Electromagnetic compatibility (EMC)	Yes
14	Climate application	Clim App1
15	Ambient temperature	-40 to +60 C
16	Housing color	White
17	Fire protection class	I,II,IIa,III
18	Flickering	<5%
19	Ingress protection (IP)	IP66
20	Mechanical shock protection	IK08/5 J
21	Energy efficiency class	A+
22	Inrush current	60 A
23	Inrush current impulse time	1000 µs
24	Emergency power supply unit	No
25	Beam angle	D120
26	Warranty	60 months
27	Autonomy in emergency mode	-
28	Light flux in emergency mode	-
29	Color of light	Белый