ISKRA LED LB

TECHNICAL DATA

Assembly	suspended or on WN-1, WN-2 extension arms, adjustable mounting in the range of 0-45°, smooth regulation
Application	industrial halls, tunnels and underground passages, sports facilities
Colour	inox / black
Ingress protection	IP 66 for the optical part and the driver
Optical system	PMMA optics
Material	anodised aluminium alloy
Unit volume	0.01 m³ (ISKRA LED LB 36) 0.02 m³ (ISKRA LED LB 80)
Expected useful lifetime	L90B10 - 100 000 h
CRI	>70
Inrush current	50 A / 210 µs (ISKRA LED LB 36) 70 A / 435 µs (ISKRA LED LB 80)
Input voltage frequency	50/60Hz
Power factor	≥0.95
Number of LED	12 - (36 W) 24 - (80 W)
Control system	Luminaire has the possibility to connect to an external control system via analog signal 1- 10V.

TABLE OF VARIANTS

Code	Symbol	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux[1]	Luminaire luminous flux[1]	Luminous efficacy[1]	Net weight
230632/1/...[2]	ISKRA LED LB 36	36 W	39.5 W	960 mA	2700 K	5350 lm	4900 lm	124 lm/W	2.5 kg
230632/3/...[2]	ISKRA LED LB 36	36 W	39.5 W	960 mA	3500 K	5700 lm	5200 lm	132 lm/W	2.5 kg
230632/4/...[2]	ISKRA LED LB 36	36 W	39.5 W	960 mA	4000 K	6050 lm	5550 lm	141 lm/W	2.5 kg
230632/6/...[2]	ISKRA LED LB 36	36 W	39.5 W	960 mA	5000 K	6050 lm	5550 lm	141 lm/W	2.5 kg
230752/1/...[2]	ISKRA LED LB 80	80 W	86 W	1075 mA	2700 K	11450 lm	10500 lm	122 lm/W	3.8 kg
230752/3/...[2]	ISKRA LED LB 80	80 W	86 W	1075 mA	3500 K	12200 lm	11150 lm	130 lm/W	3.8 kg
230752/4/...[2]	ISKRA LED LB 80	80 W	86 W	1075 mA	4000 K	12900 lm	11800 lm	137 lm/W	3.8 kg
230752/6/...[2]	ISKRA LED LB 80	80 W	86 W	1075 mA	5000 K	12900 lm	11800 lm	137 lm/W	3.8 kg

1) tolerance +/- 5% due to LEDs accuracy
2) Symbol of chosen optical system eg. 230632/6/HB is ISKRA LED LB 36 5000K with HB optical system

DIRECTIVES AND STANDARDS

DIRECTIVES: 2014/35/UE (Official Journal of the UE L 96/357 29.03.2014), 2014/30/UE (Official Journal of the UE L 96/79 29.03.2014), 2011/65/UE RoHS (Official Journal of the UE L 174/88 01.07.2011), 2009/125/EC(Official Journal of the UE L 285/10 31.10.2009)
STANDARDS: PN-EN IEC 60598-1: 2021-7, PN-EN 60598-2-3: 2006, PN-EN 60529: 2003, PN-EN 62262: 2003, PN-EN 62471:2010, PN-EN 55015: 2019, PN-EN 61547: 2009, PN-EN 61000-3-2: 2019 , PN-EN 61000-3-3: 2014

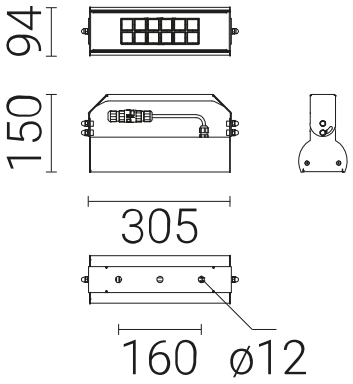
Lighting parameters presented based on laboratory tests according to IESNA LM-79-19

Zakład Produkcji Sprzętu Oświetleniowego „ROSA” Sp. z o.o.
43-109 Tychy, ul. Strefowa 1 tel. +48 32 73 88 901
www.rosa.pl

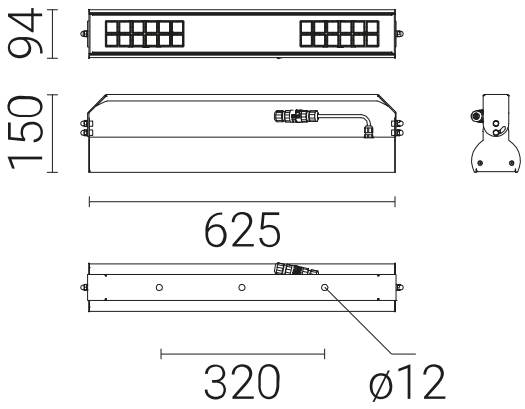
ISKRA LED LB

TECHNICAL DRAWING

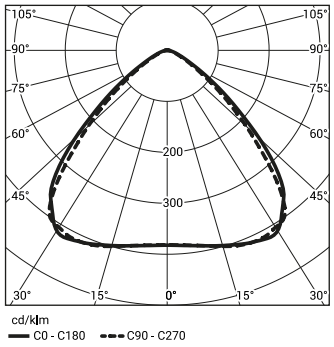
ISKRA LED LB 36



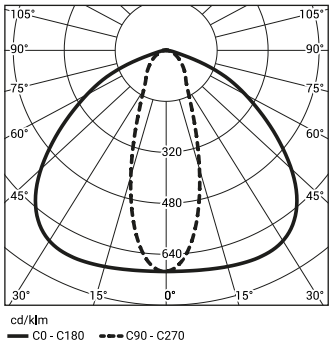
ISKRA LED LB 80



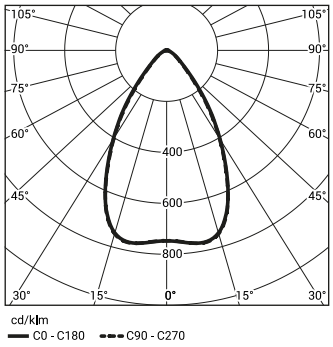
HB-WWW



HB-0



HB



The luminaire can optionally be connected to an external control system via the 1-10V interface.

Overcurrent switches MCB type B or C

Luminaire	Typ	2A	4A	6A	10A	16A	20A	25A
ISKRA LED LB 36W	B	1	3	4	7	12	15	18
	C	1	5	7	12	20	24	31
ISKRA LED LB 80W	B	0	1	1	2	4	5	6
	C	0	1	2	4	6	8	10

Fuse – type gG and GL

Luminaire	2A	4A	6A	10A	16A	20A	25A
ISKRA LED LB 36W	0	4	8	11	21	29	42
ISKRA LED LB 80W	0	2	4	5	10	14	20

Zakład Produkcji Sprzętu Oświetleniowego „ROSA” Sp. z o.o.
43-109 Tychy, ul. Strefowa 1 tel. +48 32 73 88 901
www.rosa.pl