



TECHNICAL DATA

Application	industrial halls, tunnels and underground passages, sports facilities
Assembly	suspended or on WN-1, WN-2 extension arms, adjustable mounting in the range of 0-45°, smooth regulation
Colour	inox / black
Ingress protection	IP 66 for the optical part and the driver
Optical system	PMMA optics
Material	anodised aluminium alloy
Unit volume	-
Expected useful lifetime	L90B10 - 100 000 h
CRI	>80
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	24
Control system	Luminaire has the possibility to connect to an external control system via analog signal 1- 10V.

Code	Symbol	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux¹	Luminaire luminous flux¹	Luminous efficacy¹	Net weight
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

- 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

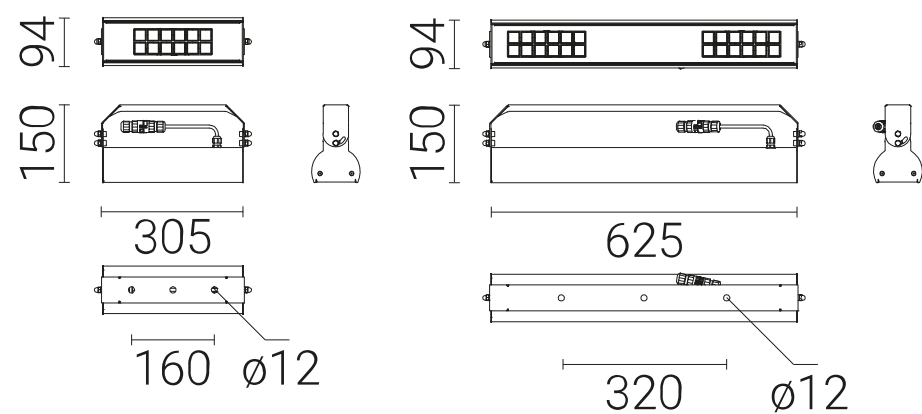
DIRECTIVES: 2014/35/UE (Official Journal of the UE L 96/357 29.03.2014), 2014/30/UE (Official Journal of the UE L 96/79 29.03.2014), 2011/65/UE RoHS (Official Journal of the UE L 174/88 01.07.2011), 2009/125/EC(Official Journal of the UE L 285/10 31.10.2009)
STANDARDS: PN-EN IEC 60598-1: 2021-7, PN-EN 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

TECHNICAL DRAWING

ISKRA LED LB 36

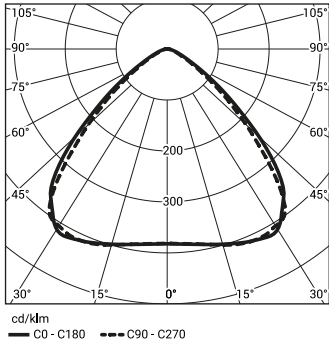
ISKRA LED LB 80



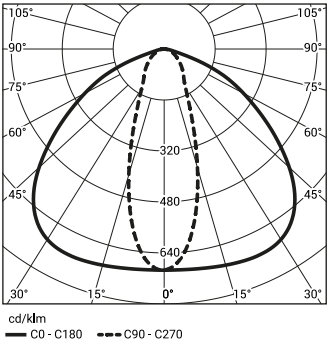
ISKRA LED LB 80



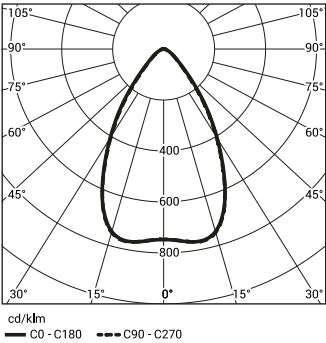
HB-WWW



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