

ISKRA LED LB



Application: industrial halls, tunnels and underground passages

Assembly: suspended or on an extension arms

Ingress protection: IP 66

Material: anodised aluminium alloy

Colour: inox / black

Optical system: PMMA optics

Number of LEDs: 12

Operating temperature range: from -40°C to +55°C

Expected useful lifetime: L90F10 – 50 000 h, L80F20 – 100 000 h

CRI: >70 for 5000K, 4000K; >80 for 3500K

Corrective factor S/P: 1,8 for 5000K; 1,45 for 3500K; 1,55 for 4000K

Input voltage frequency: 50 / 60Hz

Power factor: ≥0.95

Inrush current: : 50A / 210µs

Luminaire ISKRA LED has the possibility to connect to an external control system via analog signal 1- 10V.

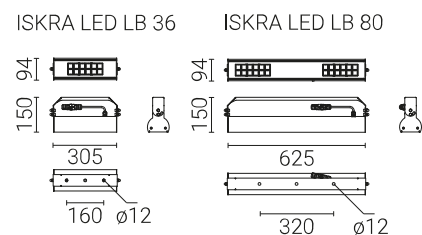
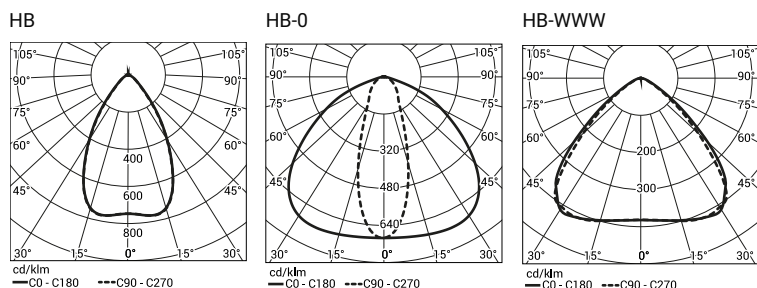


Code	Symbol	LED power	Luminaire Power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux ²⁾	Luminaire luminous flux ²⁾	Luminous efficacy	Unit volume	Luminaire net weight
230632/3/...¹⁾	ISKRA LED LB 36	36W	39W	960mA	3500K	4 550lm	4300lm	110lm/W	0,01m ³	5kg
230632/4/...¹⁾	ISKRA LED LB 36	36W	39W	960mA	4000K	5 050lm	4600lm	1188lm/W	0,01m ³	5kg
230632/6/...¹⁾	ISKRA LED LB 36	36W	39W	960mA	5000K	5 250lm	4800lm	123lm/W	0,01m ³	5kg
230752/3/...¹⁾	ISKRA LED LB 80	80W	86W	1075mA	3500K	10 100lm	9650lm	112lm/W	0,02m ³	7kg
230752/4/...¹⁾	ISKRA LED LB 80	80W	86W	1075mA	4000K	11 200lm	10000lm	116lm/W	0,01m ³	7kg
230752/6/...¹⁾	ISKRA LED LB 80	80W	86W	1075mA	5000K	11 800lm	10500lm	122lm/W	0,02m ³	7kg

1) Symbol of chosen optical system eg. 230632/6/HB is ISKRA LED LB 36 5000K with HB optical system

2) tolerance smoothly adjustable mounting angle in the range of 0° - 45° due to LEDs accuracy

Directive: 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, 2009/125/EC



Overcurrent switches MCB type B or C

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

Fuse – type gG and GL

Luminaire	2A	4A	6A	10A	16A	20A	25A
ISKRA LED LB 36	2	6	9	17	27	34	43
ISKRA LED LB 80	1	3	6	9	16	20	25