



TECHNICAL DATA

Application	industrial halls
Assembly	suspended
Colour	inox / black
Ingress protection	IP 66 for the optical part and the driver
Optical system	PMMA optics
Material	anodised aluminium alloy
Expected useful lifetime	L90B10 - 100 000 h
CRI	>70
Input voltage frequency	50/60Hz
Power factor	≥0.95
Number of LED	48
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 flux¹	Luminaire luminous flux¹	Luminous efficacy¹	Unit volume	Inrush current	Net weight
231039/1/...²	ISKRA LED HB 120	120 W	135 W	825 mA	2700 K	18700 lm	16850 lm	125 lm/W	0.02 m³	65A / 550µs	7.7 kg
231039/3/...²	ISKRA LED HB 120	120 W	135 W	825 mA	3500 K	19900 lm	17900 lm	133 lm/W	0.02 m³	65A / 550µs	7.7 kg
231039/4/...²	ISKRA LED HB 120	120 W	135 W	825 mA	4000 K	21050 lm	18950 lm	140 lm/W	0.02 m³	65A / 550µs	7.7 kg
231039/6/...²	ISKRA LED HB 120	120 W	135 W	825 mA	5000 K	21050 lm	18950 lm	140 lm/W	0.02 m³	65A / 550µs	7.7 kg
231144/1/...²	ISKRA LED HB 180	180 W	200 W	1250 mA	2700 K	25650 lm	23100 lm	116 lm/W	0.03 m³	75A / 680µs	15 kg
231144/3/...²	ISKRA LED HB 180	180 W	200 W	1250 mA	3500 K	27250 lm	24550 lm	123 lm/W	0.03 m³	75A / 680µs	15 kg
231144/4/...²	ISKRA LED HB 180	180 W	200 W	1250 mA	4000 K	28850 lm	25950 lm	130 lm/W	0.03 m³	75A / 680µs	15 kg
231144/6/...²	ISKRA LED HB 180	180 W	200 W	1250 mA	5000 K	28850 lm	25950 lm	130 lm/W	0.03 m³	75A / 680µs	15 kg

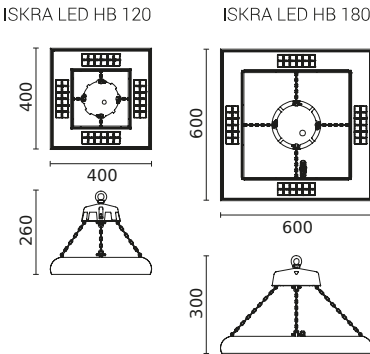
1) tolerance +/- 5% due to LEDs accuracy
2) Symbol of chosen optical system eg. 231039/6/HB is ISKRA LED HB 120 5000K with HB optical system

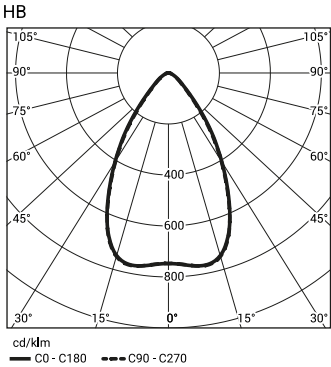
DIRECTIVES AND STANDARDS

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





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 HB 120	B	0	1	1	2	4	5	6
	C	0	1	2	4	6	8	10
ISKRA LED HB 180	B	0	0	0	1	2	2	3
	C	0	0	1	2	3	4	5

Fuse – type gG and GL

Luminaire	2A	4A	6A	10A	16A	20A	25A
ISKRA LED HB 120	0	2	3	5	10	14	20
ISKRA LED HB 180	0	1	3	4	8	11	15