



Hazardous
Lighting Solutions LTD



INV320LED

LED modules light fixture characterised by very high shock resistance (IK11+)



MECHANICAL FEATURES

Housing: Powder coated stainless steel (NIRO)

Diffuser: Prismatic polycarbonate (PC)

Shock resistance: IK11+ (150 J)

Ingress protection: IP65

Protection class: II

Mounting: 4 holes, easy mounting

ELECTRICAL FEATURES

Connection terminals: 4.0 mm²

Input voltage:

35E: 220-240 V 0 / 50-60 Hz

34E: 220-240 V 50-60 Hz

Light source: LED modules with ENEC certificate

Power factor: >0.95

Cable inlets: Ø20 (wire 8-13 mm)

Overvoltage protection: L-N: 10 kV

WORK PARAMETERS

Ambient temperature: -40°C to +45°C

Lifetime:

50,000 h L₈₀ B₅₀

70,000 h L₈₀ B₁₀

PHOTOMETRICAL PARAMETERS

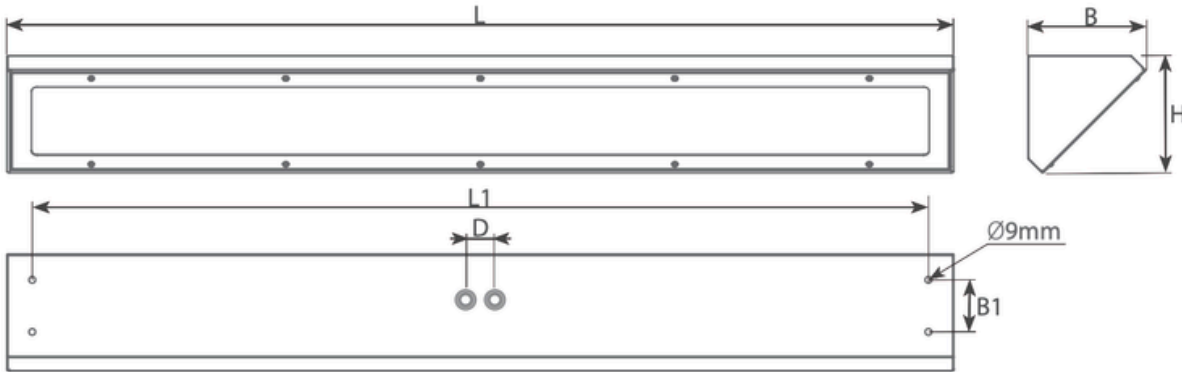
CRI: >80

Colour temperature:

4000 K

3000 K - optionally

DIMENSIONS



TYPE	L [mm]	L1 [mm]	B [mm]	H [mm]	D [mm]	B1 [mm]	Weight [kg]
INV320LED-0600	760	652	170	170	60	75	~8,5
INV320LED-1200	1370	1290	170	170	60	75	~15,0
INV320LED-1500	1670	1590	170	170	60	75	~19,5

TYPES COMPARISON

TYPE OF LIGHT FITTING	LUMINOUS FLUX [lm]	POWER [W]	EFFICIENCY [lm/W]	MAX. AMB. TEMP. [°C]
INV320LED-0600-J2-1	2395	18.2	132	45
INV320LED-0600-J2-3	3392	26.2	129	45
INV320LED-0600-B2-1	4790	35.4	135	45
INV320LED-0600-B2-2	5479	40.7	134	45
INV320LED-1200-J4-1	4790	35.4	135	45
INV320LED-1200-J4-2	5470	40.7	134	45
INV320LED-1200-J4-3	6784	51.3	132	45
INV320LED-1200-B4-1	9581	69.8	137	45
INV320LED-1500-J4M2-1	5988	44	136	45
INV320LED-1500-J4M2-2	6835	50.6	135	40

MEAN EMERGENCY LUMINOUS FLUX

TYPE	A3, A3S [lm]	ZB, ZBS, ZBH [lm]
INV320LED-0600-J2-1	601	1198
INV320LED-0600-J2-3	582	1696
INV320LED-0600-B2-1	776	2395
INV320LED-0600-B2-2	769	2735
INV320LED-1200-J4-1	773	2395
INV320LED-1200-J4-2	755	2735
INV320LED-1200-J4-3	748	3392
INV320LED-1200-B4-1	776	4791
INV320LED-1500-J4M2-1	772	2994
INV320LED-1500-J4M2-2	770	3418

MAXIMAL NUMBER OF LIGHT FITTINGS CONNECTED IN LINE

Light fittings	B16	C16	Starting current	Starting time
INV320LED-J2, B2, J4	10	16	32A	< 355 μ s
INV320LED-B4, J4M2	5	8	65A	< 268 μ s



DALI- 2 INTERFACE: VERSION EQUIPPED WITH DRIVER WITH DALI-2 INTERFACE



MOTION SENSOR: MOTION AND LIGHT LEVEL SENSOR

PHOTOMETRY

