



**Hazardous**  
Lighting Solutions LTD



# INS242LED

*Chemically Resistant  
I and III protection class*



## MECHANICAL FEATURES

**Tube:** Borosilicate glass, polycarbonate, polymethyl methacrylate

**End-cap:** Stainless steel, stainless steel type 316, aluminium

**Ingress protection:** IP66/IP69K

**Protection Class:** I, III

**Mounting:** Different mountings available

## ELECTRICAL FEATURES

**Connection terminals:** 2,5mm<sup>2</sup>

**Power Supply:** 230V, 0/50-60Hz | 24 VDC

**Source of light:** Certified LED modules

**Power factor:** >0,95

**Cable Entry:** Ø20

**Overvoltage protection:** 2kV

## WORK PARAMETERS

**Ambient Temperatures:** -25°C to +45°C

**Lifetime:** >70.000h L80 B10

## PHOTOMETRICAL PARAMETERS

**CRI:** >80

**Colour temperature:** 4000K; on request 5000K or 6500K

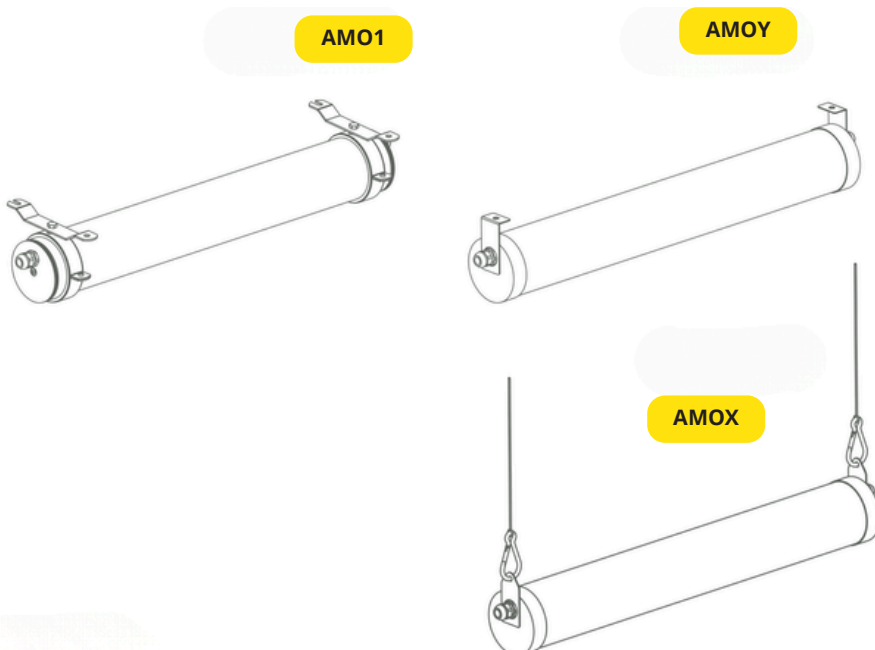
## TYPES COMPARISON STANDARD VERSIONS

TYPE OF LIGHT FITTING	LUMINOUS FLUX (lm)	POWER CONSUMPTION (W)	EFFICIENCY (lm/W)	MAX. AMBIENT TEMP. (°C)
INS242LED-0600-J1-3	1723	13.3	130	45
INS242LED-0600-J2-1	2474	18.6	133	45
INS242LED-0600-J2-3	3385	26.6	127	40
INS242LED-1200-B2-1	4947	36.2	137	45
INS242LED-1200-B2-3	6892	52.3	132	40
INS242LED-1200-B4-1	9894	74	134	40

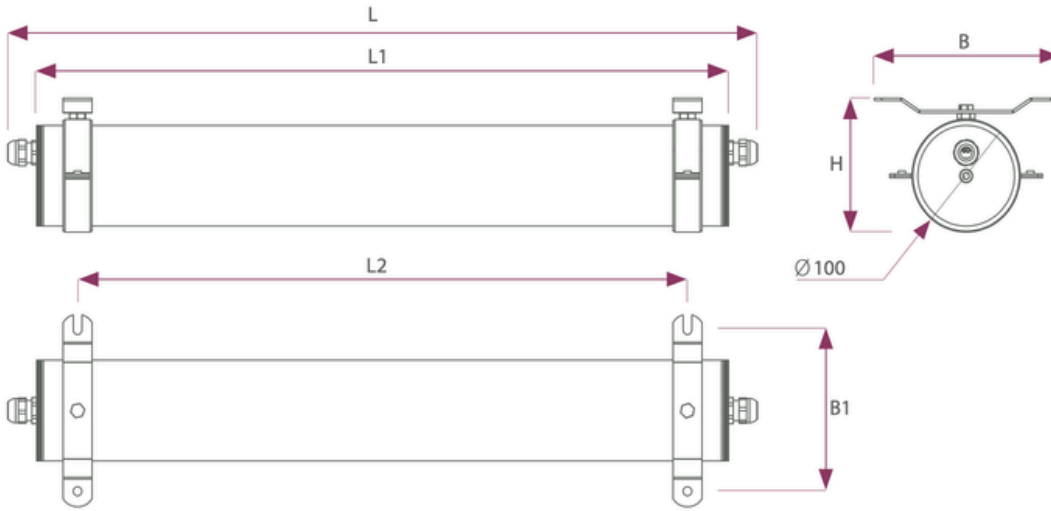
## TYPES COMPARISON 24VDC

TYPE OF LIGHT FITTING	LUMINOUS FLUX (lm)	POWER CONSUMPTION (W)	EFFICIENCY (lm/W)	MAX. AMBIENT TEMP. (°C)
INS242LED-0600-D1-0	1230	10.6	116	45
INS242LED-0600-D2-0	2465	20.2	122	45
INS242LED-1200-D4-0	4930	39.4	125	45

## MOUNTING

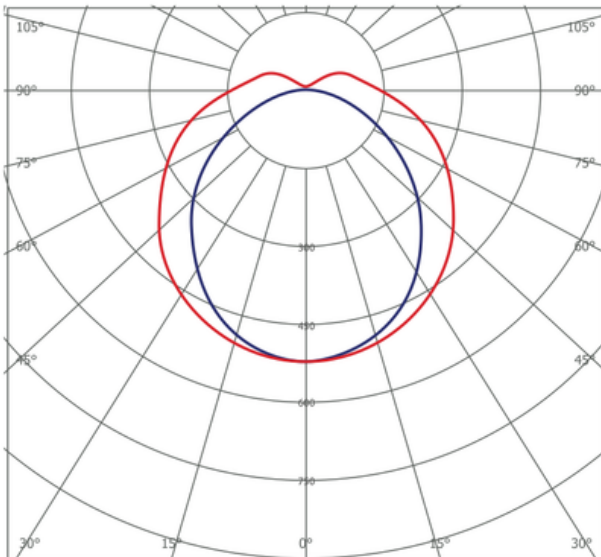


## DIMENSIONS



TYPE	L	L1	L2	B	B1	B2
INS242LED-0600	776	716	adjustable	190	160	135
INS242LED-1200	1336	1276	adjustable	190	160	135

## PHOTOMETRY



## AVAILABLE OPTIONS

I	N	S	2	4	2	L	E	D	0	6	0	0	J	1	0	1	1	E	30	10	P	2	0	GL	NIRO	AMO1
									1	2	0	0	B	2	1	3	5	E	33	11				PC	ALU	AMOY
													D	4	3									PMMA		AMOX
group													LED module type		lumen output version				power supply					housing material	material of endcap	mounting bracket
									approximate length																	