



INP320LED





CERTIFICATES: CE

EXEMPLARY APPLICATIONS



PENAL INSTITUTIONS



INTERROGATION ROOMS

Custodial LED light fitting with high impact resistance factor (IK11+). Destined to illuminate cells and corridors. INP320LED is designed to be mounted in spaces between wall and ceiling. Robust construction and special security screws prevents unauthorized access.

The light fixture can be optionally equipped with 3h emergency power module **A3**, compatible with central battery **ZB**, equipped with driver with DALI interface **DA**, motion sensor **SNS**, night light module **NL**.

FEATURES

MECHANICAL PARAMETERS

	housing	powder coated galvanized steel sheet
	diffuser	thick polycarbonate
	shock resistance	IK11+ (150J)
	ingress protection	IP65
	protection class	I, II or III
	mounting	4 holes, easy mounting

ELECTRICAL PARAMETERS

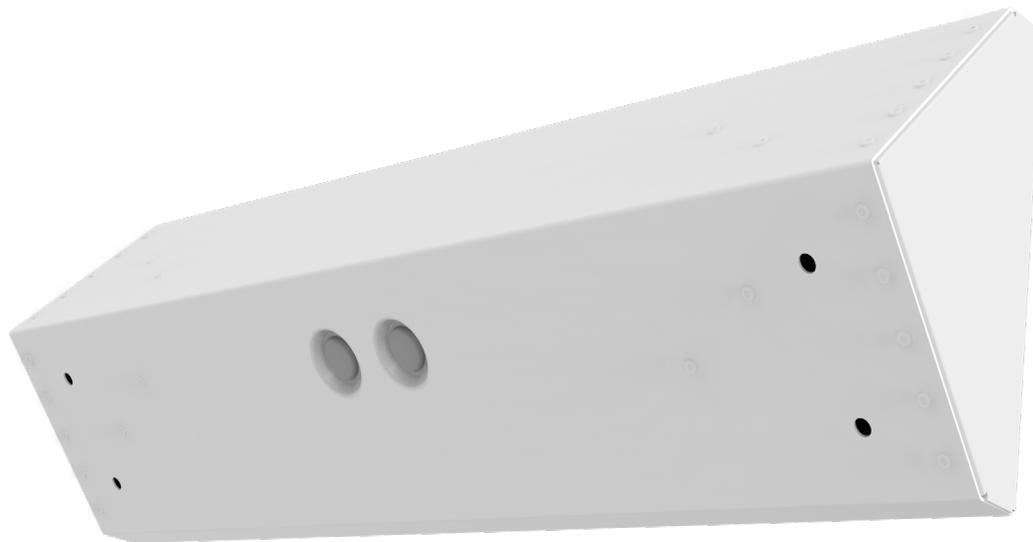
2,5 mm ²		connection terminals
230V 0/50-60Hz		input voltage
LED modules with ENEC certificate		light source
>0,95		power factor
2 x Ø20		cable inlets
1kV		overvoltage protection

OTHER

	ambient temperature	-30°C to +45°C
	lifetime	50.000h L ₈₀ B ₁₀

PHOTOMETRICAL PARAMETERS

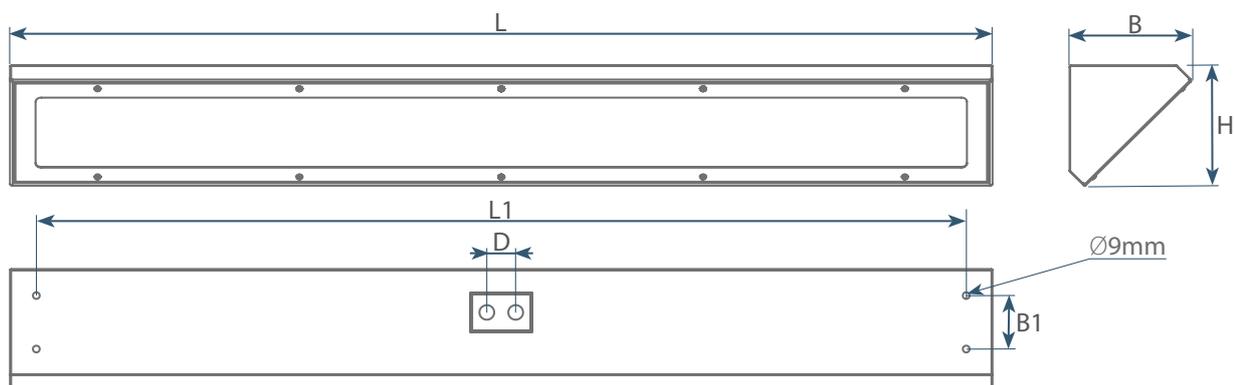
>80		CRI
4000K		colour temperature



Attention:

Cable inlets have been located in a recess to allow installation of the fixture directly to the wall.

DIMENSIONS



TYPE	L [mm]	L1 [mm]	B [mm]	H [mm]	D [mm]	B1 [mm]	weight [kg]
INP320LED-0600	760	652	170	170	40	75	~ 9,0
INP320LED-1200	1370	1290	170	170	40	75	~ 16,0
INP320LED-1500	1670	1590	170	170	40	75	~ 19,0

gross weight

TYPES COMPARISON

STANDARD VERSIONS

TYPE OF LIGHT FITTING	LUMINOUS FLUX [lm]	POWER [W]	EFFICIENCY [lm/W]	MAX. AMB. TEMP. [°C]
INP320LED-0600-J2-1	2280	18,6	123	45
INP320LED-0600-J2-3	3207	25,8	124	45
INP320LED-0600-B2-1	4560	34,7	131	45
INP320LED-0600-B2-2	5190	40,3	128	45
INP320LED-1200-J4-1	4560	34,8	131	45
INP320LED-1200-J4-2	5190	40,4	128	45
INP320LED-1200-J4-3	6413	48,4	133	45
INP320LED-1200-B4-1	9121	65,0	140	45
INP320LED-1500-J4M2-1	5700	42,7	133	45
INP320LED-1500-J4M2-2	6485	50,6	127	40

VERSIONS 24VDC

TYPE OF LIGHT FITTING	LUMINOUS FLUX [lm]	POWER [W]	EFFICIENCY [lm/W]	MAX. AMB. TEMP. [°C]
INP320LED-0600-D2-0	2195	23,5	93	45
INP320LED-1200-D2-0	2195	23,5	93	45
INP320LED-1200-D4-0	4390	45,0	98	45



Luminous flux tolerance +/- 10%

Power tolerance +/- 10%

The parameters given in the following data sheet has been determined for the temperature $T_a=25^{\circ}\text{C}$.

Luminous flux, light intensity distribution and efficiency has been tested on the basis of the standards EN ISO 17025:2005, norm series EN13032 and LM-79.

The actual data and General Warranty Conditions are available on our website www.atmlighting.pl

OPTIONAL VERSIONS

 Emergency power module: **A3**
Version with 3h emergency module, available only with 34E power supply (230V, 50-60Hz)

 Central battery: **ZB**
Version with driver for central battery

MEAN EMERGENCY LUMINOUS FLUX

TYPE	VERSION A3 [lm]	VERSION ZB [lm]
INP320LED-0600-J2-1	570	2280
INP320LED-0600-J2-3	549	3207
INP320LED-0600-B2-1	736	4560
INP320LED-0600-B2-2	730	5190
INP320LED-1200-J4-1	734	4560
INP320LED-1200-J4-2	717	5190
INP320LED-1200-J4-3	706	6413
INP320LED-1200-B4-1	735	9121
INP320LED-1500-J4M2-1	734	5700
INP320LED-1500-J4M2-2	730	6485

 DALI interface: **DA**
Version equipped with driver with DALI interface

 Motion sensor: **SNS**
Version with motion and ambient light sensor

 Night light: **NL**
Night light version allows to turn off part of the LED modules, which saves energy while maintaining constant lighting in night conditions.



PHOTOMETRY

