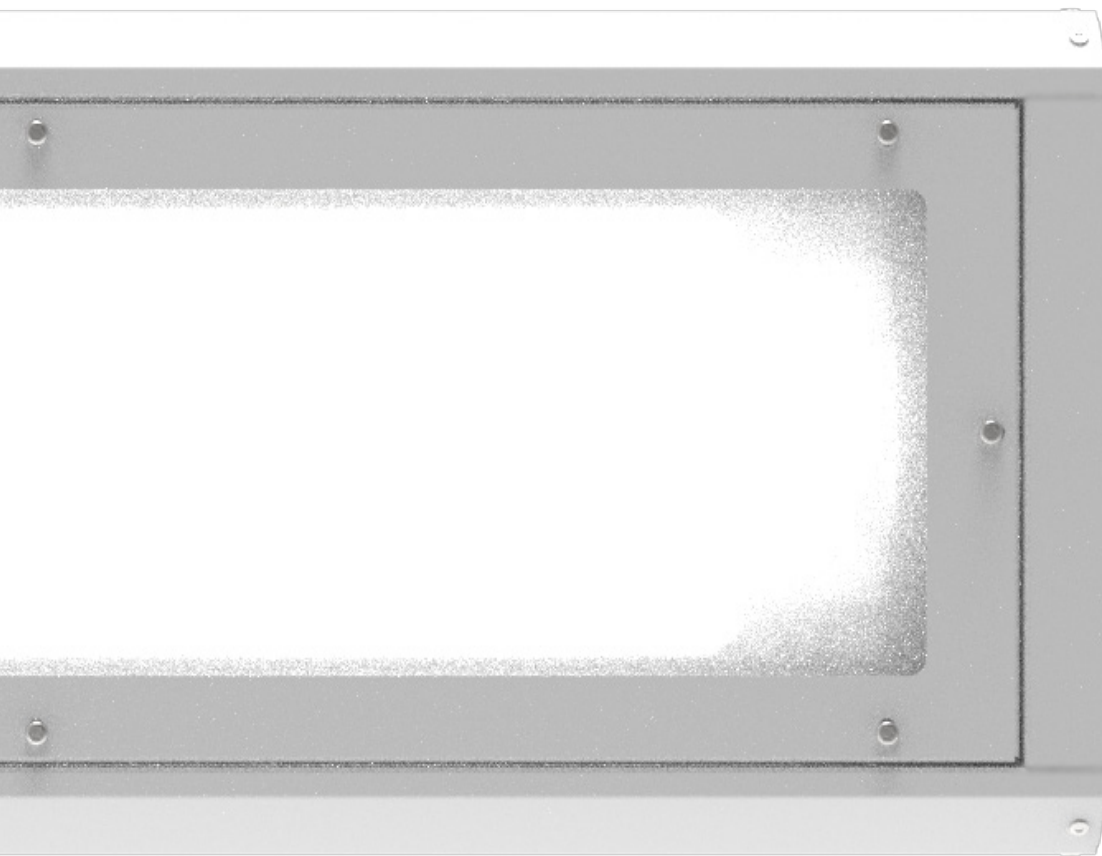
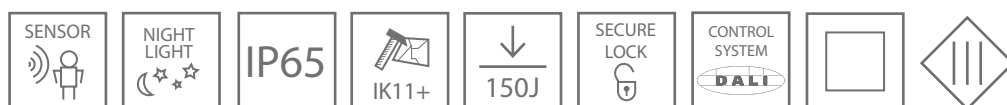




INP320LED-..-SF



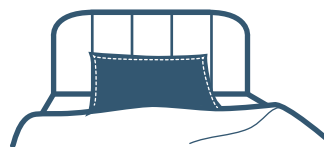


CERTIFICATES: CE

EXEMPLARY APPLICATIONS



PENAL INSTITUTIONS



PRISON CELLS

Custodial LED light fitting with high impact resistance factor (IK11+). Destined to illuminate cells and corridors. INP320LED is designed to be mounted on the ceiling. Robust construction and special security screws prevents unauthorized access. The fixture is characterized by the high security for the users. Construction is designed to prevent from the injuries and acts of suicide.

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 mm²connection
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

WORK PARAMETERS

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

PHOTOMETRICAL PARAMETERS

>80

CRI



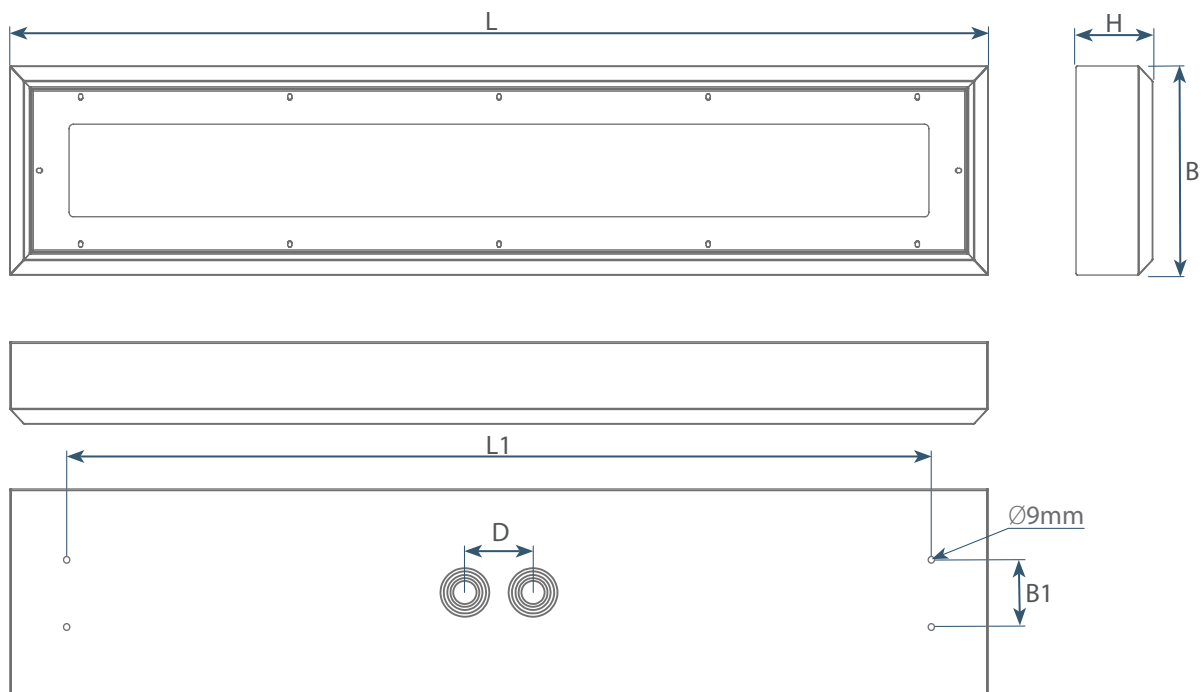
4000K

colour
temperature

Attention:

Cable glands have been located in a recess to allow installation of the fixture directly to the ceiling.

DIMENSIONS



TYPE	L [mm]	L1 [mm]	B [mm]	B1 [mm]	H [mm]	D [mm]	weight [kg]
INP320LED-0600-...-SF	760	594	280	90	110	60	~ 11,3
INP320LED-1200-...-SF	1370	1240	280	90	110	60	~ 18,4
INP320LED-1500-...-SF	1670	1240	280	90	110	60	~ 21,0

*gross weight of
standard versions*

TYPES COMPARISON

STANDARD VERSIONS

TYPE OF LIGHT FITTING	LUMINOUS FLUX [lm]	POWER CONSUMP. [W]	EFFICIENCY [lm/W]	MAX. AMB. TEMP. [°C]
INP320LED-0600-J2-1-...-SF	2 245	18,6	121	45
INP320LED-0600-J2-3-...-SF	3 095	25,8	120	45
INP320LED-0600-B2-1-...-SF	4 490	34,7	129	45
INP320LED-0600-B2-2-...-SF	5 057	40,3	125	45
INP320LED-1200-J4-1-...-SF	4 490	34,8	129	45
INP320LED-1200-J4-2-...-SF	5 057	40,4	125	45
INP320LED-1200-J4-3-...-SF	6 189	48,4	128	45
INP320LED-1200-B4-1-...-SF	8 981	65,0	138	45
INP320LED-1200-B4-2-...-SF	10 114	75,3	134	45
INP320LED-1500-J4M2-1-...-SF	5 613	42,7	131	45
INP320LED-1500-J4M2-3-...-SF	7 736	61,0	127	45

24VDC VERSIONS

TYPE OF LIGHT FITTING	LUMINOUS FLUX [lm]	POWER CONSUMP. [W]	EFFICIENCY [lm/W]	MAX. AMB. TEMP. [°C]
INP320LED-0600-D2-0-...-SF	2162	23,5	92	45
INP320LED-1200-D2-0-...-SF	2163	23,5	92	45
INP320LED-1200-D4-0-...-SF	4323	45,0	96	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 17025:2018-02, 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:

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

A3

Central battery:

Version with driver for central battery

ZB

MEAN EMERGENCY MODE LUMINOUS FLUX

TYPE OF LIGHT FITTING	A3 VERSION [lm]	ZB VERSION [lm]
INP320LED-0600-J2-1-...-SF	554	2 245
INP320LED-0600-J2-3-...-SF	525	3 095
INP320LED-0600-B2-1-...-SF	727	4 490
INP320LED-0600-B2-2-...-SF	711	5 057
INP320LED-1200-J4-1-...-SF	714	4 490
INP320LED-1200-J4-2-...-SF	698	5 057
INP320LED-1200-J4-3-...-SF	673	6 189
INP320LED-1200-B4-1-...-SF	727	8 981
INP320LED-1200-B4-2-...-SF	711	10 114
INP320LED-1500-J4M2-1-...-SF	726	5 613
INP320LED-1500-J4M2-3-...-SF	687	7 736

* - emergency luminous flux of ZB version equals the nominal value.



Motion sensor:

Version with motion and ambient light sensor

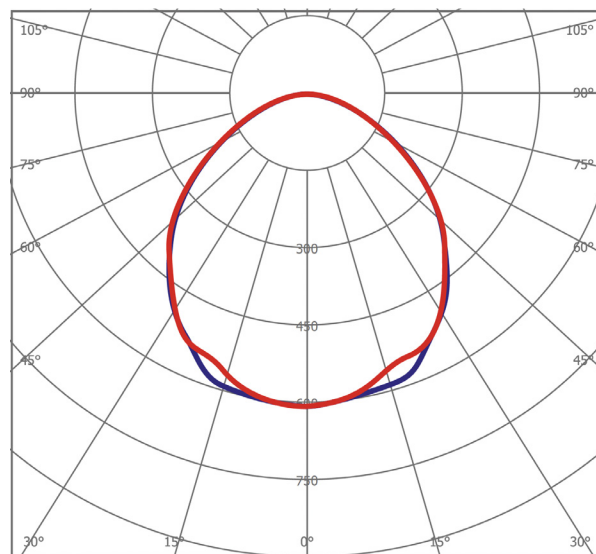
SNS

Night light:

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

NL

PHOTOMETRY



CONFIGURATIONS

I	N	P	3	2	0	L	E	D	-					-					-					E	-			1	1	P	C	I	-	GS	-	PC	-					-	SF																
group custodial light fittings type type 320																														0	6	0	0	J	2	M	1	0	1	1	20											A3	II	SNS					
																														1	2	0	0	B	4		2	1	3	4	22											ZB	III	NL					
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source of light LED modules																																																											
approximate length ~ 600mm, 1200mm, 1500mm																																																											
LED module type																																																											
LED module quantity																																																											
LED module type																																																											
LED module quantity																																																											
driving current																																																											
power supply 11E - 24VDC 34E - 230V, 05÷60Hz 35E - 230V, 0/50÷60Hz																																																											
wiring 20 - single 2-pole terminal → 2 22 - double 2-pole terminal → 22 30 - single 3-pole terminal → 3 33 - double 3-pole terminal → 33 40* - single 4-pole terminal → 4 available only with A3 emergency version 44* - double 4-pole terminal → 44 available only with A3 emergency version 50* - single 5-pole terminal → 5 available only with DA version 55* - double 5-pole terminal → 55 available only with DA version																																																											
cable inlets - quantity 11 - 2 cable inlets in the center of the housing → 11																																																											
cable inlets - type PCI - plastic cable inlets Ø20																																																											
housing material GS - galvanized steel																																																											
diffuser material PC - polycarbonate																																																											
emergency versions A3 - version with 3h emergency module, available only with 34E power supply (230V, 50-60Hz) ZB - version with ballast for central battery DA - version equipped with integrated driver with DALI interface																																																											
protection class none - I class II - II class III - III class																																																											
additional accessory SNS - version with automatic switcher based on motion and light level. NL - "night light" version that allows to turn off part of LED modules, which saves energy while maintainign constant lighting in night conditions. Night light version requires additional wiring depending on the power supply version.																																																											

DOWNLOADS

