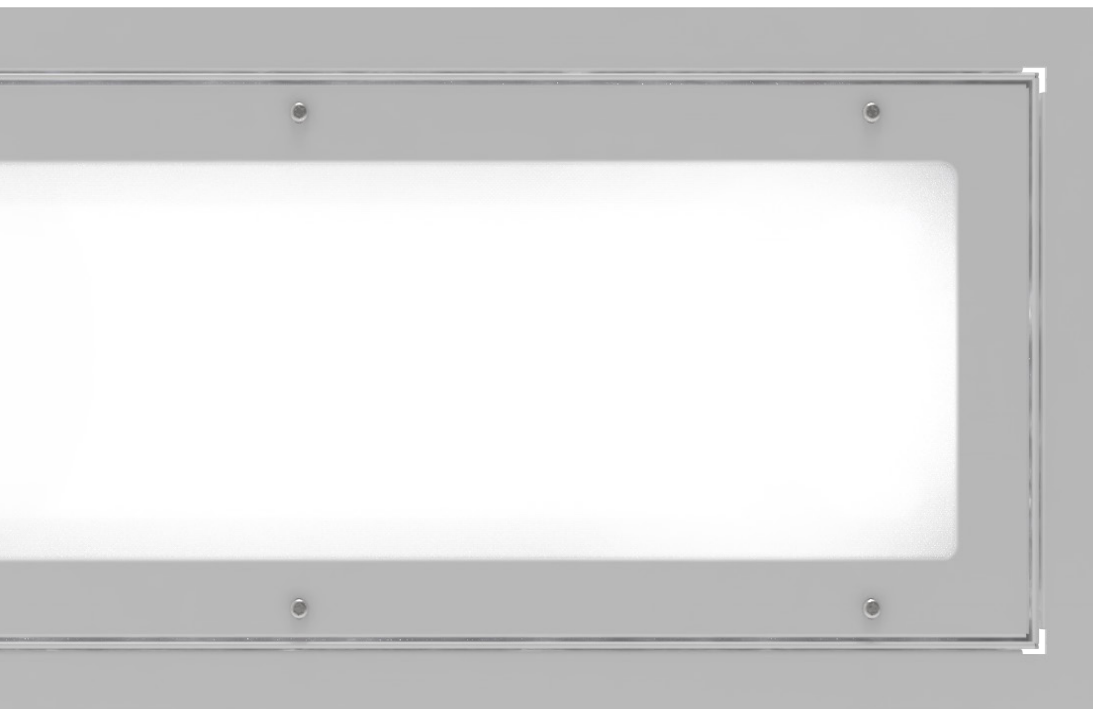
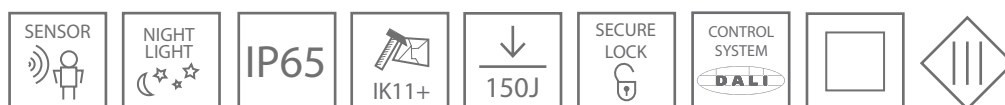




INP320LED-..-RC





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 on the ceiling recess. 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 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

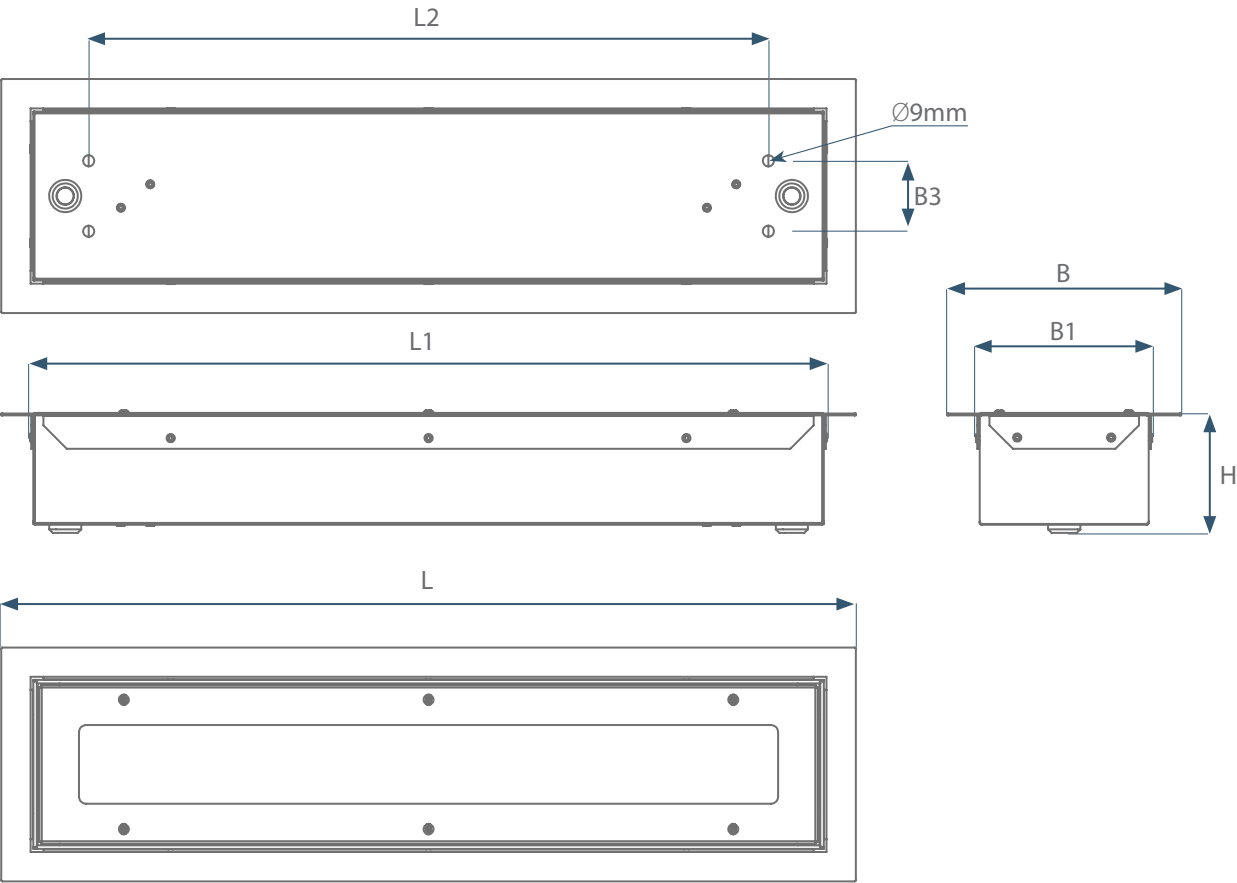
CRI



4000K

colour
temperature

DIMENSIONS



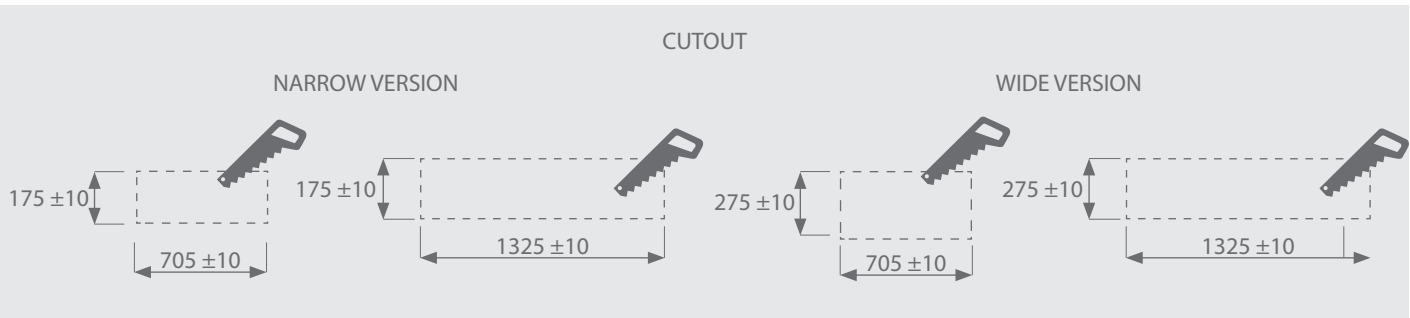
TYPES COMPARISONS

NARROW VERSION

TYPE	L [mm]	L1 [mm]	L2 [mm]	B [mm]	B1 [mm]	B3 [mm]	H [mm]
INP320LED-0600-J1-.-RC	730	680	580	200	150	60	100
INP320LED-0600-B1-.-RC	730	680	580	200	150	60	100
INP320LED-1200-J2-.-RC	1360	1310	800	200	150	60	100
INP320LED-1200-B2-.-RC	1360	1310	800	200	150	60	100

WIDE VERSION

TYPE	L [mm]	L1 [mm]	L2 [mm]	B [mm]	B1 [mm]	B3 [mm]	H [mm]
INP320LED-0600-J1-.-RC	730	680	580	305	255	130	100
INP320LED-0600-B1-.-RC	730	680	580	305	255	130	100
INP320LED-1200-J2-.-RC	1360	1310	800	305	255	130	100
INP320LED-1200-B2-.-RC	1360	1310	800	305	255	130	100



TYPES COMPARSION

NARROW VERSION

TYPE OF THE LIGHT FITTING	LUMINOUS FLUX [lm]	POWER CONSUMP. [W]	EFFICIENCY [lm/W]	MAX. AMB. TEMP. [°C]
INP320LED-0600-J1-1-..-RC	1118	9,3	120	45
INP320LED-0600-J1-3-..-RC	1666	12,8	130	45
INP320LED-0600-B1-1-..-RC	2236	17,8	126	45
INP320LED-0600-B1-2-..-RC	2620	20,4	128	40
INP320LED-1200-J2-1-..-RC	2236	18,6	120	45
INP320LED-1200-J2-3-..-RC	3332	25,8	129	45
INP320LED-1200-B2-1-..-RC	4472	34,7	129	40

WIDE VERSION

TYPE OF THE LIGHT FITTING	LUMINOUS FLUX [lm]	POWER CONSUMP. [W]	EFFICIENCY [lm/W]	MAX. AMB. TEMP. [°C]
INP320LED-0600-J2-1-..-RC	2236	18,6	120	45
INP320LED-0600-J2-3-..-RC	3332	25,8	129	45
INP320LED-0600-B2-1-..-RC	4472	34,7	129	40
INP320LED-1200-J4-1-..-RC	4472	34,8	129	45
INP320LED-1200-J4-3-..-RC	6663	48,4	138	45
INP320LED-1200-B4-2-..-RC	10480	75,3	139	40



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

MEAN EMERGENCY MODE LUMINOUS FLUX

NARROW VERSION

TYPE OF THE FITTING	VERSION A3 [lm]	VERSION ZB [lm]
INP320LED-0600-J1-1	553	1118
INP320LED-0600-J1-3	563	1666
INP320LED-0600-B1-1	563	2236
INP320LED-0600-B1-2	573	2620
INP320LED-1200-J2-1	552	2236
INP320LED-1200-J2-3	565	3332
INP320LED-1200-B2-1	725	4472

WIDE VERSION

TYPE OF THE FITTING	VERSION A3 [lm]	VERSION ZB [lm]
INP320LED-0600-J2-1	552	2236
INP320LED-0600-J2-3	565	3332
INP320LED-0600-B2-1	724	4472
INP320LED-1200-J4-1	711	4472
INP320LED-1200-J4-3	725	6663
INP320LED-1200-B4-2	737	10480



Central battery:

Version with driver for central battery

ZB



DALI interface:

Version equipped with driver with DALI interface

DA



Motion sensor:

Version with motion and ambient light sensor

SNS

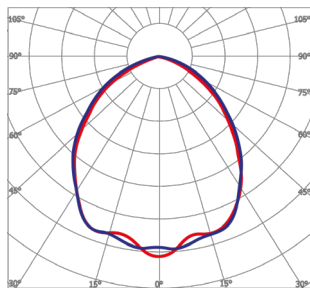


Night light:

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 -										- 1 1 P C I - G S - P C - - - - RC									
group custodial light fittings																			
type type 320																			
source of light LED modules																			
approximate length ~ 600mm, 1200mm																			
LED module type																			
LED module quantity																			
driving current																			
power supply 11E - 24VDC 34E - 230V, 50÷60Hz 35E - 230V, 0/50÷60Hz																			
wiring 20 - single 2-pole terminal 22 - double 2-pole terminal 30 - single 3-pole terminal 33 - double 3-pole terminal 40* - single 4-pole terminal 44* - double 4-pole terminal 50* - single 4-pole terminal 55* - double 4-pole terminal																			
cable inlets - quantity 11 - 2 cable inlets in the center of the housing																			
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																			
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

