

INV320LED



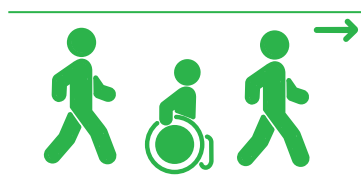


CERTIFICATES: CE, POLISH RAILWAY CERTIFICATE, ENEC,
EN-60658-2-22 CERTIFICATE CNBOP no. 2910/2019

EXEMPLARY APPLICATIONS



PLACES PRONE TO
ACTS OF VANDALISM



PASSAGEWAYS

LED modules light fixture characterised by very high shock resistance (IK11+). The housing is made of powder coated stainless steel. The shade is made of polycarbonate. The fixture has been designed to be mounted in the passageways in the space between the wall and the ceiling. The fixture has a Polish National Railways certificate no. **D/IST/04/2019**

FEATURES

MECHANICAL PARAMETERS

	housing	powder coated stainless steel
	diffuser	prismatic polycarbonate
	shock resistance	IK11+ (150J)
	ingress protection	IP65
	protection class	II
	mounting	4 holes, easy mounting

ELECTRICAL PARAMETERS

2,5 mm²

connection terminals



230V 0/50-60Hz

input voltage



LED modules with ENEC certificate

light source



>0,95

power factor



2 x Ø20

cable inlets





10kV

overvoltage protection



OTHER

	ambient temperature	-40°C to +45°C
	lifetime	>50.000h L ₈₀ B ₅₀

PHOTOMETRICAL PARAMETERS

>80

CRI



4000K

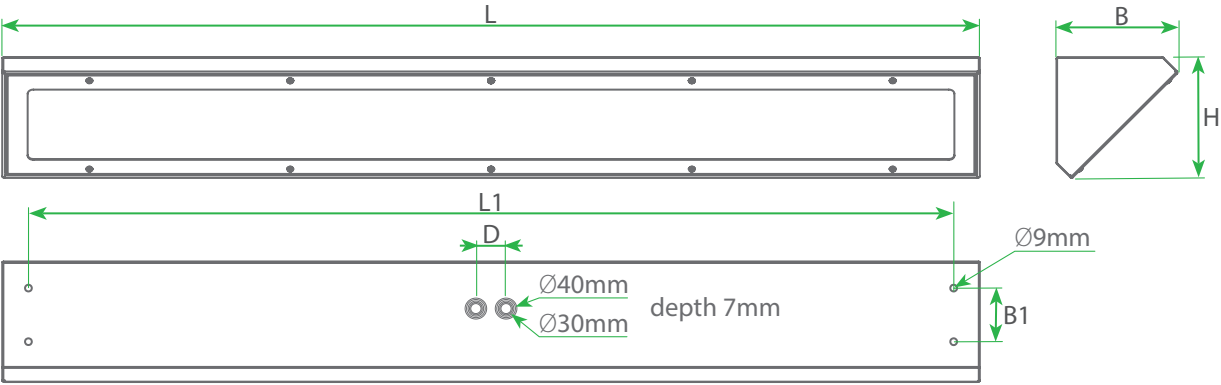
colour temperature



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]
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	~8,5

gross weight

TYPES COMPARISON

TYPE OF LIGHT FITTING	LUMINOUS FLUX [lm]	POWER [W]	EFFICIENCY [lm/W]	MAX. AMB. TEMP. [°C]
INV320LED-0600-J2-1	2395	18,8	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	44,0	136	45
INV320LED-1500-J4M2-2	6835	50,6	135	40



Luminous flux tolerance +/- 10%
Power tolerance +/- 10%
The parameters given in the following data sheet has been determined for the temperature Ta=25°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).
The ambient temperature must be at least 0 °C.

A3

Emergency power module:

Version with 3h emergency module, available only with 34E power supply (230V, 50-60Hz).
The ambient temperature must be higher than -20 °C.

A3S

Central battery:

Version with driver for central battery

ZB

Switching module:

Version with switching module MSU 35.

ZBS

Switching module:

Version with switching module MAPS-01.

ZBH

MEAN EMERGENCY MODE LUMINOUS FLUX

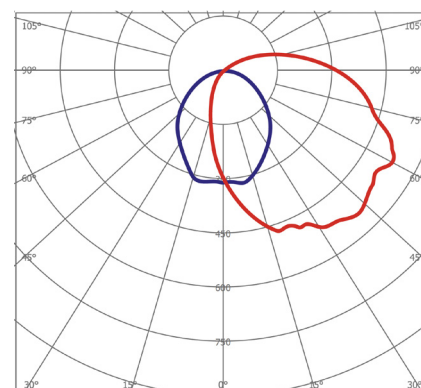
TYPE	A3, A3S [lm]	ZB, ZBS, ZBH [lm]
INV320LED-0600-J2-1	601	1198
INV320LED-0600-J2-3	582	1696
INV320LED-0600-B2-1	776	2395
INV320LED-0600-B2-2	769	2735
INV320LED-1200-J4-1	773	2395
INV320LED-1200-J4-2	755	2735
INV320LED-1200-J4-3	748	3392
INV320LED-1200-B4-1	776	4791
INV320LED-1500-J4M2-1	772	2994
INV320LED-1500-J4M2-2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



Attention:

There is a possibility to order a linear lighting system which is a perfect solution to hide the wiring and to ensure additional functionalities. For more details please contact the Customer Service.

PHOTOMETRY



CONFIGURATIONS

I N V 3 2 0 L E D -										- 3 E -										- 1 1 P C I - NIRO - PC -										- II									
group vandalproof fixtures										0 6 0 0 J 2 M 2 1 4 20										A3																			
type type 320										1 2 0 0 B 4 2 5 22										A3S																			
source of light LED modules										1 5 0 0 3 30										ZB																			
approximate length ~ 600mm, 1200mm, 1500mm										33										ZBS																			
LED module type										40*										ZBH																			
LED module quantity										44*																													
LED module type										70*																													
LED module quantity										77*																													
driving current																																							
power supply 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 70* - single 7-pole terminal 77* - double 7-pole terminal										available for emergency versions available for emergency versions																													
cable inlets - quantity 11 - 2 cable inlets at the center of the housing										1 1																													
cable inlets - type PCI - plastic cable inlets Ø20																																							
housing material NIRO - stainless steel																																							
diffuser material PC - prismatic polycarbonate (Exolon® UV Clear 2099 RH)																																							
emergency versions A3 - version with 3h emergency module available only with 34E power supply (230V/ 50÷60Hz). Ambient temperature must be higher than 0 °C. A3S - version with 1h emergency module available only with 34E power supply (230V/ 50÷60Hz). Ambient temperature must be higher than -20 °C. ZB - version with driver for central battery. ZBS - version with switching module MSU 3S. ZBH - version with switching module MAPS-01.																																							
protection class II - II class																																							

DOWNLOADS

LDT



CE