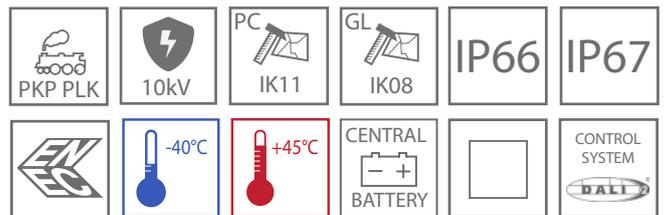


INV400LED





CERTIFICATES:

ENEC - PL BBJ/003/2025
PKP PLK - D/IST/38/2025

EXEMPLARY APPLICATIONS



PLATFORM SHELTERS



UNDERPASSES

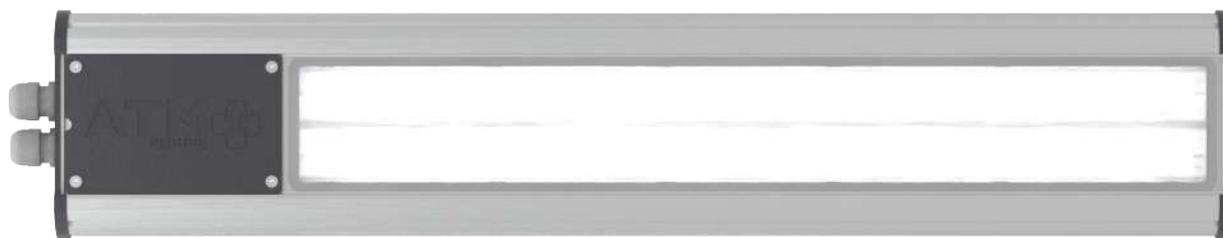


PLACES PRONE TO ACTS OF VANDALISM

Lighting fixture with LED modules designed for illuminating platform shelters and walkways. The housing is made of anodized aluminum, with a diffuser made of polycarbonate or tempered glass.

As standard, the fixture is adapted for operation with a central **ZB** battery and equipped with a power supply featuring a DALI-2 **DA** interface.

FEATURES



MECHANICAL PARAMETERS

	housing	anodized aluminum (ALU)
	diffuser	sandblasted tempered glass (GLO) polycarbonate type OPAL (PCO) polycarbonate type CLEAR (PC) tempered glass (GL)
	ingress protection	IP66 / IP67
	shock resistance	PC: IK11 GL: IK08
	protection class	II
	mounting	platform shelters, underpasses, stairs and lift areas
	accessories	different mountings <i>check: mountings</i>

WORK PARAMETERS

	ambient temperature	-40°C to +45°C <i>check: types comparison</i>
	lifetime	>60.000h L ₉₀ B ₅₀ >80.000h L ₈₀ B ₅₀ >100.000h L ₇₀ B ₅₀

ELECTRICAL PARAMETERS

max. 4,0 mm ² (1,0 - 4,0 mm ²)		connection terminals
220-240V 50-60Hz, 220-240V 0Hz		input voltage
LED modules with ENEC certificate		light source
100% - 0,95 50% - 0,94 25% - 0,84 capacitive load characteristic		power factor
Ø20 (wire Ø6-13mm) Ø25 - optionally (wire Ø9-17mm)		cable inlets
L-N: 10kV		overvoltage protection

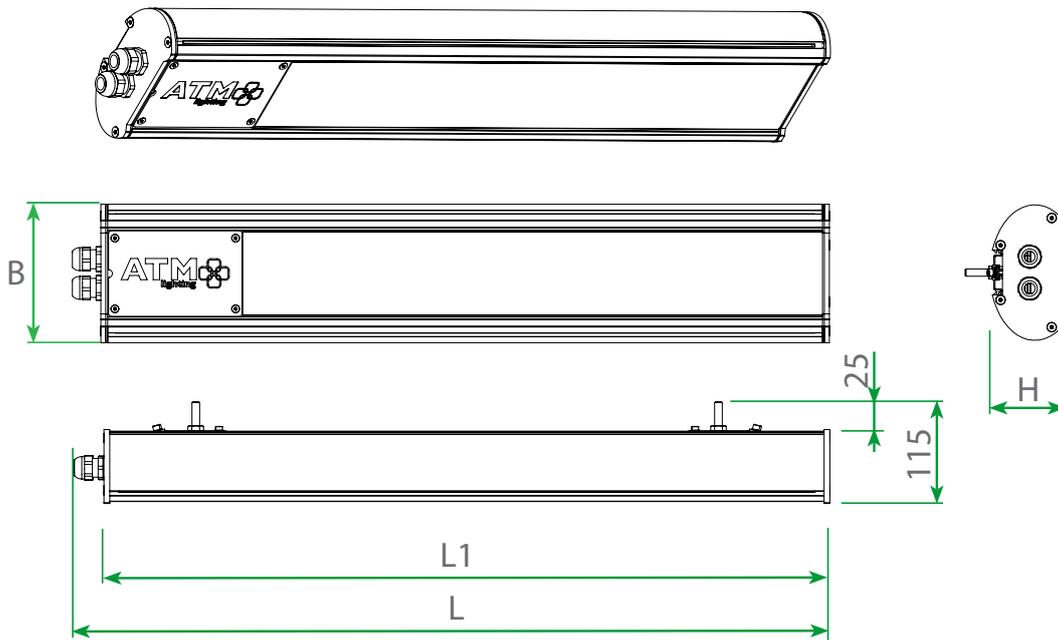
PHOTOMETRICAL PARAMETERS

>80		CRI
4000K 6500K - optionally		colour temperature



As standard, the housing is equipped with a 20 gland system (two glands on one side of the housing). This housing can be used both as an end and a through (double-sided or single-sided). The glands are equipped with sealing plugs and should be left in place if the glands are not used.

DIMENSIONS



ONE-SIDED VERSIONS

TYPE	L	L1	H	B	WEIGHT [kg]
INV400LED-0600	785	755	75	145	5,5
INV400LED-1200	1345	1315	75	145	8,0
INV400LED-1500	1625	1595	75	145	10,0

STANDARD TYPES COMPARISON

TYPES COMPARISON - GLO or PCO diffuser (no optics)

TYPE	LUMINOUS FLUX [lm]	POWERS CONSUMP. [W]	EFFICIENCY [lm/W]	WORK TEMP. [°C]
INV400LED-0600-B2-2-GLO/PCO	2605	21,7	120	-40°C to +45°C
INV400LED-0600-B2-3-GLO/PCO	3183	26,4	121	-40°C to +45°C
INV400LED-0600-B2-4-GLO/PCO	3751	31,3	120	-40°C to +45°C
INV400LED-1200-B2-2-GLO/PCO	2605	21,7	120	-40°C to +45°C
INV400LED-1200-B2-3-GLO/PCO	3183	26,4	121	-40°C to +45°C
INV400LED-1200-B2-4-GLO/PCO	3751	31,3	120	-40°C to +45°C
INV400LED-1200-B4-1-GLO/PCO	3586	29,5	122	-40°C to +45°C
INV400LED-1200-B4-2-GLO/PCO	5256	42,5	124	-40°C to +45°C
INV400LED-1200-B4-3-GLO/PCO	6416	52,7	122	-40°C to +45°C
INV400LED-1200-B4-4-GLO/PCO	7562	61,7	123	-40°C to +45°C
INV400LED-1500-B2A1-1-GLO/PCO	2246	18,6	121	-40°C to +45°C
INV400LED-1500-B2A1-2-GLO/PCO	3336	27,8	120	-40°C to +45°C
INV400LED-1500-B2A1-3-GLO/PCO	4014	33,4	120	-40°C to +45°C
INV400LED-1500-B2A1-4-GLO/PCO	4731	39,2	121	-40°C to +45°C
INV400LED-1500-B4A2-1-GLO/PCO	4492	36,1	124	-40°C to +45°C
INV400LED-1500-B4A2-2-GLO/PCO	6672	53,7	124	-40°C to +45°C
INV400LED-1500-B4A2-3-GLO/PCO	8029	65,0	124	-40°C to +45°C
INV400LED-1500-B4A2-4-GLO/PCO	9462	77,5	122	-40°C to +45°C



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 17025:2005, norm series EN13032 and LM-79.

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

OPTIONAL TYPES COMPARISON

TYPES COMPARISON - **standard optics WB (wide beam)** for GL and PC diffuser.

TYPE	LUMINOUS FLUX [lm]	POWER CONSUMP. [W]	EFFICIENCY [lm/W]	AMB. TEMP. [°C]
INV400LED-0600-B1-2-PC/GL-WB	1544	11,9	130	-40°C to +45°C
INV400LED-0600-B1-3-PC/GL-WB	1860	14,5	128	-40°C to +45°C
INV400LED-0600-B1-4-PC/GL-WB	2192	16,9	130	-40°C to +45°C
INV400LED-0600-B2-1-PC/GL-WB	2075	16,2	128	-40°C to +45°C
INV400LED-0600-B2-2-PC/GL-WB	3087	21,7	142	-40°C to +45°C
INV400LED-0600-B2-3-PC/GL-WB	3719	26,4	141	-40°C to +45°C
INV400LED-0600-B2-4-PC/GL-WB	4384	31,3	140	-40°C to +45°C
INV400LED-1200-B2-1-PC/GL-WB	2075	16,5	126	-40°C to +45°C
INV400LED-1200-B2-2-PC/GL-WB	3087	21,7	142	-40°C to +45°C
INV400LED-1200-B2-3-PC/GL-WB	3719	26,4	141	-40°C to +45°C
INV400LED-1200-B2-4-PC/GL-WB	4384	31,3	140	-40°C to +45°C
INV400LED-1200-B4-1-PC/GL-WB	4150	29,5	141	-40°C to +45°C
INV400LED-1200-B4-2-PC/GL-WB	6173	42,5	145	-40°C to +45°C
INV400LED-1200-B4-3-PC/GL-WB	7438	52,7	141	-40°C to +45°C
INV400LED-1200-B4-4-PC/GL-WB	8767	61,7	142	-40°C to +45°C
INV400LED-1500-B2A1-1-PC/GL-WB	2595	18,6	140	-40°C to +45°C
INV400LED-1500-B2A1-2-PC/GL-WB	3858	27,8	139	-40°C to +45°C
INV400LED-1500-B2A1-3-PC/GL-WB	4648	33,4	139	-40°C to +45°C
INV400LED-1500-B2A1-4-PC/GL-WB	5480	39,2	140	-40°C to +45°C
INV400LED-1500-B4A2-1-PC/GL-WB	5188	36,1	144	-40°C to +45°C
INV400LED-1500-B4A2-2-PC/GL-WB	7716	53,7	144	-40°C to +45°C
INV400LED-1500-B4A2-3-PC/GL-WB	9297	65,0	143	-40°C to +45°C
INV400LED-1500-B4A2-4-PC/GL-WB	10959	77,5	141	-40°C to +45°C

TYPES COMPARISON - **NB optics (narrow beam)** for GL and PC diffuser.

TYPE	LUMINOUS FLUX [lm]	POWER CONSUMP. [W]	EFFICIENCY [lm/W]	WORK TEMP. [°C]
INV400LED-0600-B1-1-PC/GL-NB	1055	8,5	124	-40°C to +45°C
INV400LED-0600-B1-2-PC/GL-NB	1568	11,9	132	-40°C to +45°C
INV400LED-0600-B1-3-PC/GL-NB	1889	14,5	130	-40°C to +45°C
INV400LED-0600-B1-4-PC/GL-NB	2225	16,9	132	-40°C to +45°C
INV400LED-0600-B2-1-PC/GL-NB	2107	16,2	130	-40°C to +45°C
INV400LED-0600-B2-2-PC/GL-NB	3133	21,7	144	-40°C to +45°C
INV400LED-0600-B2-3-PC/GL-NB	3776	26,4	143	-40°C to +45°C
INV400LED-0600-B2-4-PC/GL-NB	4450	31,3	142	-40°C to +45°C
INV400LED-1200-B2-1-PC/GL-NB	2107	16,5	128	-40°C to +45°C
INV400LED-1200-B2-2-PC/GL-NB	3133	21,7	144	-40°C to +45°C
INV400LED-1200-B2-3-PC/GL-NB	3776	26,4	143	-40°C to +45°C
INV400LED-1200-B2-4-PC/GL-NB	4450	31,3	142	-40°C to +45°C
INV400LED-1200-B4-1-PC/GL-NB	4213	29,5	143	-40°C to +45°C
INV400LED-1200-B4-2-PC/GL-NB	6265	42,5	147	-40°C to +45°C
INV400LED-1200-B4-3-PC/GL-NB	7550	52,7	143	-40°C to +45°C
INV400LED-1200-B4-4-PC/GL-NB	8899	61,7	144	-40°C to +45°C
INV400LED-1500-B2A1-1-PC/GL-NB	2634	18,6	142	-40°C to +45°C
INV400LED-1500-B2A1-2-PC/GL-NB	3917	27,8	141	-40°C to +45°C
INV400LED-1500-B2A1-3-PC/GL-NB	4718	33,4	141	-40°C to +45°C
INV400LED-1500-B2A1-4-PC/GL-NB	5562	39,2	142	-40°C to +45°C
INV400LED-1500-B4A2-1-PC/GL-NB	5266	36,1	146	-40°C to +45°C
INV400LED-1500-B4A2-2-PC/GL-NB	7832	53,7	146	-40°C to +45°C
INV400LED-1500-B4A2-3-PC/GL-NB	9437	65,0	145	-40°C to +45°C
INV400LED-1500-B4A2-4-PC/GL-NB	11124	77,5	144	-40°C to +45°C

TYPES COMPARISON **ASY (asymmetrical beam)** for GL and PC diffuser.

TYPE	LUMINOUS FLUX [lm]	POWER CONSUMP. [W]	EFFICIENCY [lm/W]	AMB. TEMP. [°C]
INV400LED-0600-B1-1-PC/GL-ASY	1051	8,5	124	-40°C to +45°C
INV400LED-0600-B1-2-PC/GL-ASY	1513	11,9	127	-40°C to +45°C
INV400LED-0600-B1-3-PC/GL-ASY	1822	14,5	126	-40°C to +45°C
INV400LED-0600-B1-4-PC/GL-ASY	2148	16,9	127	-40°C to +45°C
INV400LED-0600-B2-1-PC/GL-ASY	2033	16,2	126	-40°C to +45°C
INV400LED-0600-B2-2-PC/GL-ASY	3024	21,7	139	-40°C to +45°C
INV400LED-0600-B2-3-PC/GL-ASY	3643	26,4	138	-40°C to +45°C
INV400LED-0600-B2-4-PC/GL-ASY	4294	31,3	137	-40°C to +45°C
INV400LED-1200-B2-1-PC/GL-ASY	2033	16,5	123	-40°C to +45°C
INV400LED-1200-B2-2-PC/GL-ASY	3024	21,7	139	-40°C to +45°C
INV400LED-1200-B2-3-PC/GL-ASY	3643	26,4	138	-40°C to +45°C
INV400LED-1200-B2-4-PC/GL-ASY	4294	31,3	137	-40°C to +45°C
INV400LED-1200-B4-1-PC/GL-ASY	4064	29,5	138	-40°C to +45°C
INV400LED-1200-B4-2-PC/GL-ASY	6046	42,5	142	-40°C to +45°C
INV400LED-1200-B4-3-PC/GL-ASY	7284	52,7	138	-40°C to +45°C
INV400LED-1200-B4-4-PC/GL-ASY	8587	61,7	139	-40°C to +45°C
INV400LED-1500-B2A1-1-PC/GL-ASY	2541	18,6	137	-40°C to +45°C
INV400LED-1500-B2A1-2-PC/GL-ASY	3779	27,8	136	-40°C to +45°C
INV400LED-1500-B2A1-3-PC/GL-ASY	4553	33,4	136	-40°C to +45°C
INV400LED-1500-B2A1-4-PC/GL-ASY	5367	39,2	137	-40°C to +45°C
INV400LED-1500-B4A2-1-PC/GL-ASY	5081	36,1	141	-40°C to +45°C
INV400LED-1500-B4A2-2-PC/GL-ASY	7557	53,7	141	-40°C to +45°C
INV400LED-1500-B4A2-3-PC/GL-ASY	9105	65,0	140	-40°C to +45°C
INV400LED-1500-B4A2-4-PC/GL-ASY	10734	77,5	139	-40°C to +45°C

MAXIMUM NUMBER OF LINEARLY CONNECTED LUMINAIRES

MAXIMUM NUMBER OF LINE CONNECTED LUMINAIRES DEPENDING ON THE CIRCUIT BREAKERS USED

Luminaire	B16	C16	Max. starting current	Starting time
INV400LED	27	45	4A	1300 - 1500 μ s

STANDARD EQUIPMENT

ZB

Central battery:

Version adapted to be powered from central battery without switching module.

ZB

By default, the luminous flux is set to 15% of the nominal flux. It can be adjusted within the range of 15–100%.
Voltage range 176-280V, 0Hz.

DALI

DALI-2 driver:

Version equipped with DALI-2 drive.

DA

Optionally, the housing can be equipped with an integrated power supply with a DALI-2 interface, which allows monitoring the operation of the fixture and controlling the lighting using data directly from motion sensors or from the building management system (BMS).
A properly configured lighting control system can significantly reduce electricity costs and improve user ergonomics.
For temperatures below -30 °C, DALI functionality may be limited. Supply voltage at the terminal > 12 V.

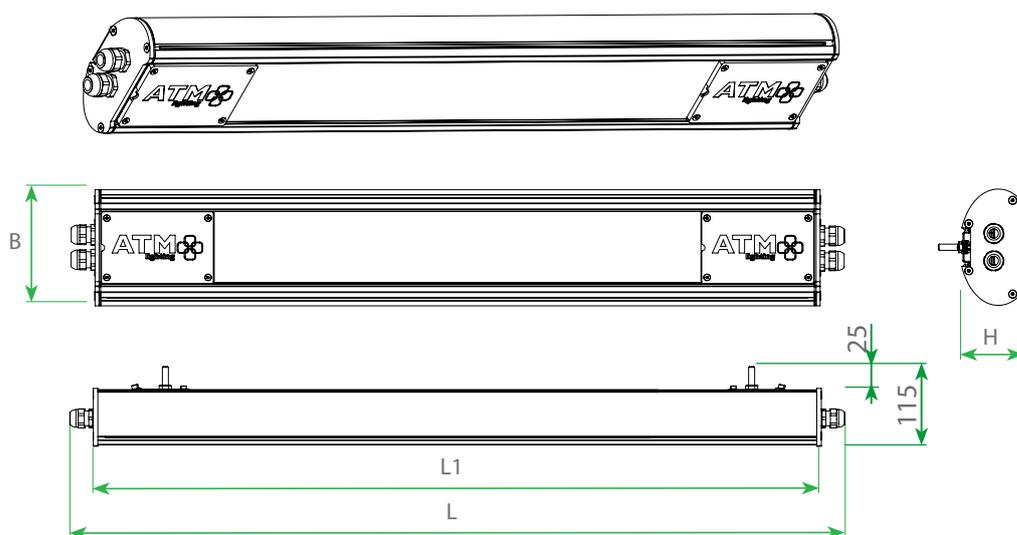
II

Protection class:

II protection class.

II

TWO-SIDED VERSIONS (OPTION)

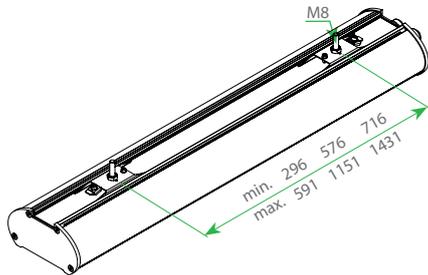


TWO-SIDED VERSION

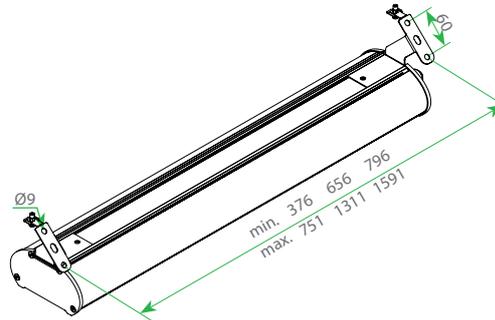
TYPE	L	L1	H	B	WEIGHT [kg]
INV400LED-0600	955	895	75	145	7,5
INV400LED-1200	1515	1455	75	145	10,0
INV400LED-1500	1795	1735	75	145	12,0

MOUNTINGS

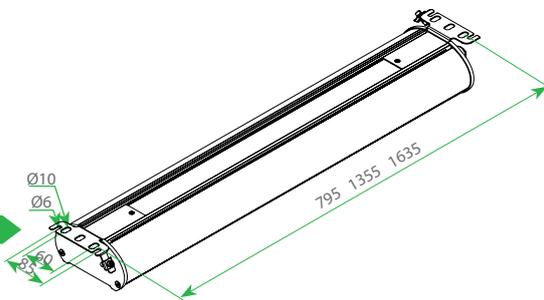
STANDARD
AMOC



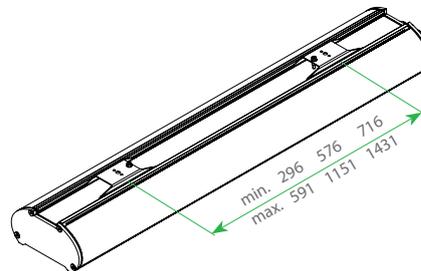
AMOB



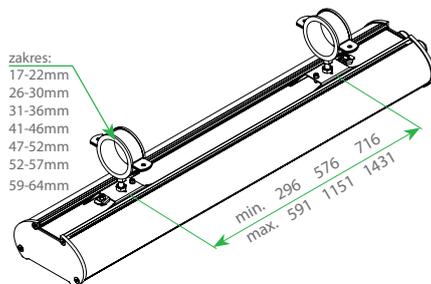
AMOA



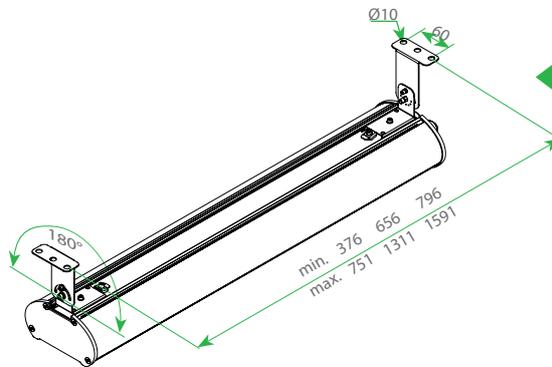
AMOD



AMOE



AMOF



All dimensions are provided for available luminaire sizes: 0600, 1200, and 1500. Mounting dimensions for other variants can be found in the manual.

