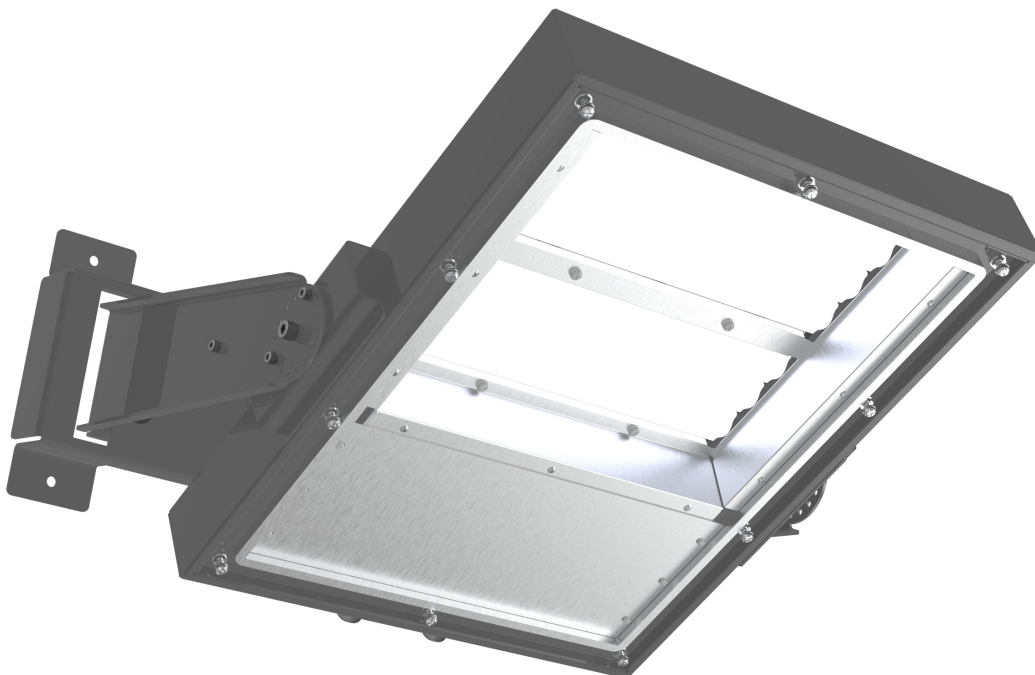


HPL425LED





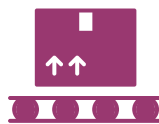
EXEMPLARY APPLICATIONS



INDUSTRY
BUILDINGS



WAREHOUSES



PRODUCTION
LINES



PASSAGEWAYS

Anticorrosive, waterproof industrial luminaire with LED modules for indoor and outdoor applications. Thanks to use of optional vibro insulators it is suitable to work in places exposed to the occurrence of vibrations.

Vibroproof version **VP** as a standard.

Optionally with an integrated power supply unit with DALI interface **DA**.

FEATURES







MECHANICAL PARAMETERS

	housing	powder coated stainless steel or galvanized steel
	diffuser	tempered glass or polycarbonate
	ingress protection	IP65
	protection class	I
	mounting	mounting on a bracket
	accessories	vibroinsulators



WORK PARAMETERS

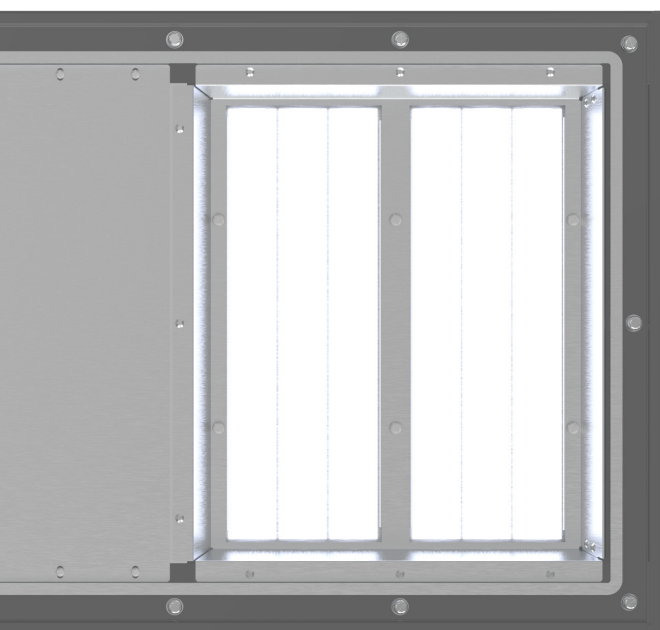
	ambient temperature	-25°C to +50°C <i>check: types comparison</i>
	lifetime	>70.000h L ₈₀ B ₁₀

ELECTRICAL PARAMETERS

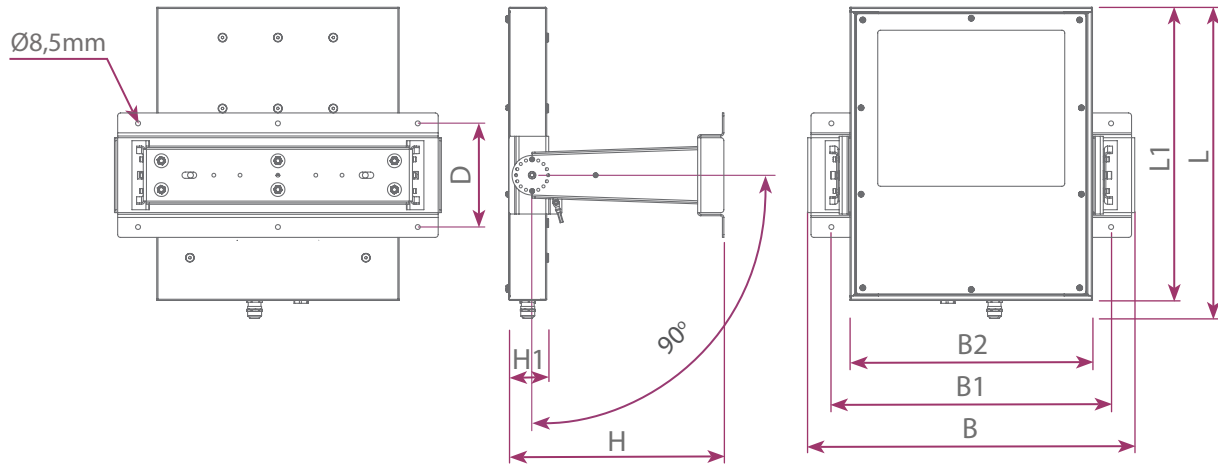
2,5 mm ²	connection terminals	
230V 0,50-60Hz	power supply	
certified LED modules	source of light	
>0,95	power factor	
Ø20	cable inlets	
L-N: 1kV L/N-PE: 2kV	overvoltage protection	

PHOTOMETRICAL PARAMETERS

>80	CRI	
4000K	colour temperature	



DIMENSIONS



TYPE	L	L1	B	B1	H	H1	D
HPL425LED	540	509	561	416	369	65	180

TYPES COMPARISON

TYPE OF THE FITTING	LUMINOUS FLUX [lm]	POWER CONSUMP.[W]	EFFICIENCY [lm/W]	MAX. AMB. TEMP. [°C]
HPL425LED-050	6 345	49,0	129	50
HPL425LED-060	7 685	62,0	124	40
HPL425LED-080	9 380	78,8	121	35



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.

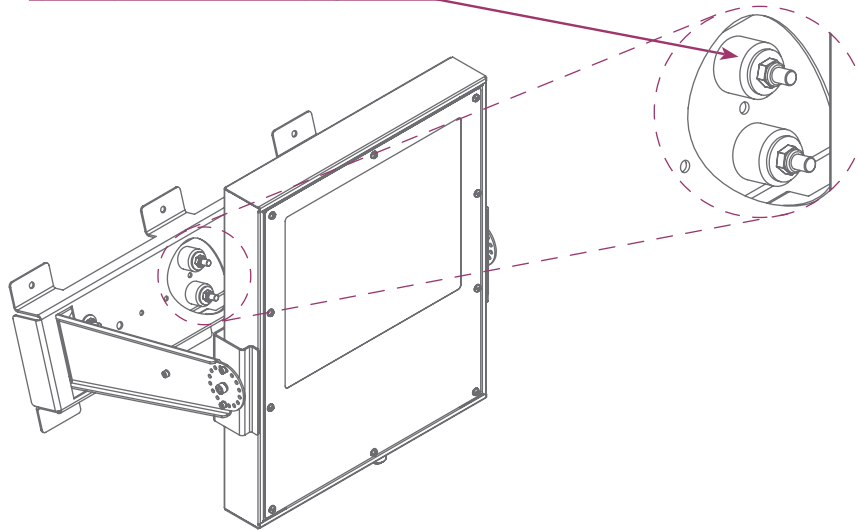
The actual data and General Warranty Conditions are available on our website www.atmlighting.pl

VIBRATIONPROOF VERSION



VIBRATIONPROOF VERSION (VP)

special viproinsulators for damping vibrations



ADDITIONAL INFORMATION:

1. A special anaerobic adhesive was used to increase durability and safety on sensitive threaded connections and it prevents self-loosening of parts subjected to vibrations.
2. An additional bracket made of high-strength stainless steel increases safety in case of damage to damped elements (see Fig. 1.1).
3. The luminaire is additionally secured with a protective cable (see Fig. 1.2).
4. It is possible to equip the luminaire with an additional accessory (plug&forget), which allows the luminaire installation without the need to open it (see Fig. 1.3).

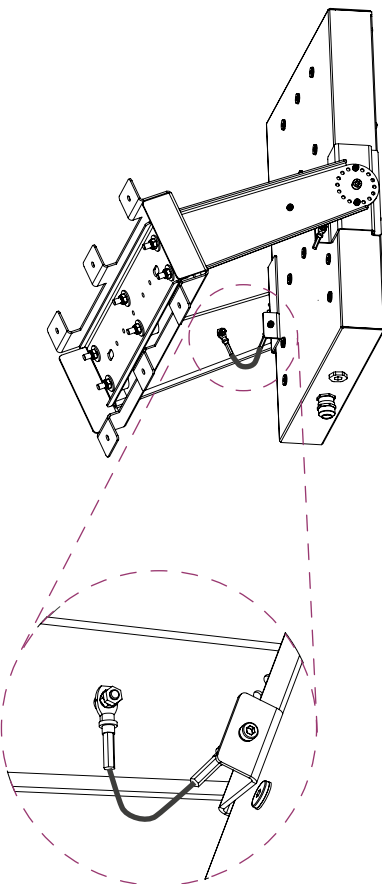


Fig. 1.2

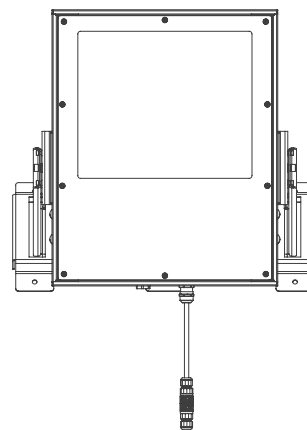


Fig. 1.3

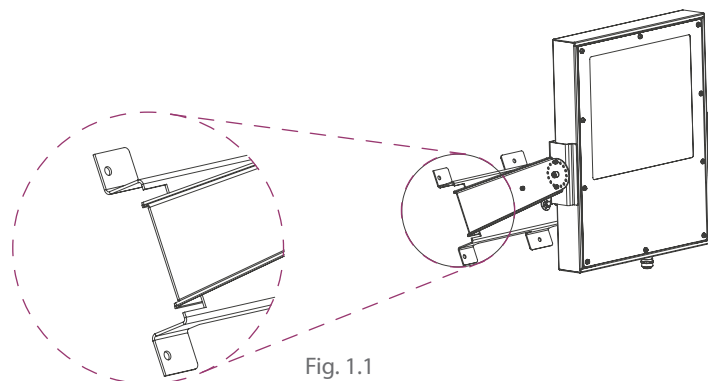
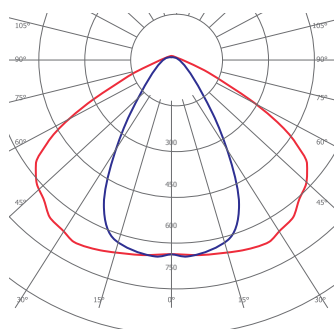


Fig. 1.1

PHOTOMETRY



CONFIGURATION

H	P	L	4	2	5	L	E	D	-				-	3	5	E	-				P	20	-				-	VP	-				DA
group										0	5	0				30	10	RST	GS	GL			VP			DA							
industrial light fittings										0	6	0				33	20		NIRO	PC													
type										0	8	0				50																	
type 425																																	
source of light										LED modules																							
approximate power [W]																																	
power supply										34E - 230V 0,50÷60Hz																							
wiring										30 - single 3-pole terminal → <input type="text" value="3"/> 33 - double 3-pole terminal → <input type="text" value="3"/> <input type="text" value="3"/> ← 50 - single 5-pole terminal → <input type="text" value="5"/>																							
cable inlets - quantity										10 - one cable inlet on one side of the housing → <input type="text" value="1"/> <input type="text" value="0"/> 20 - two cable inlets on one side of the housing → <input type="text" value="2"/> <input type="text" value="0"/>																							
cable inlets - type										P - plastic cable inlet RST - plug&forget socket																							
cable inlets - size										20 - Ø20																							
housing material										GS - galvanized steel NIRO - stainless steel																							
diffuser material										GL - tempered glass PC - polycarbonate																							
additional equipment										VP - version with vibroinsulators																							
optional versions										DA - version with an itegrated power supply with DALI interface																							



Optional DA version of the light fitting is equipped with an integrated power supply unit with DALI interface, which allows to control parameters of lighting - depending on data from motion sensors or BIM settings. Properly configured lighting control system can significantly reduce costs of energy and improve the ergonomics of users.



Optional version with plug&socket set, so it is not needed to open the fitting during installation. This solution allows fast assembly and simplifies further exploitation.

DOWNLOADS

