



HPL440LED





EXEMPLARY APPLICATIONS



INDUSTRY
BUILDINGS



WAREHOUSES



PRODUCTION
LINES



PASSAGEWAYS

Industrial floodlight with LED modules with very high output. Equipped with focusing lens. Thanks to use of optional vibro insulatr it is suitable to work in places exposed to the occurrence of vibrations.

Optional vibro-proof version **VP** or blast-proof version **BP**.

FEATURES

MECHANICAL PARAMETERS

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

WORK PARAMETERS

	ambient temperature	-40°C to +60°C <i>check: types comparison</i>
	lifetime	>70.000h L ₇₀ B ₁₀

ELECTRICAL PARAMETERS

2,5 mm²connection
terminals

230V 50-60Hz

power
supplycertified
LED modules

source of light



>0,95

power
factor

Ø20

cable
inletsL-N: 6kV
L/N-PE: 2kVovervoltage
protection

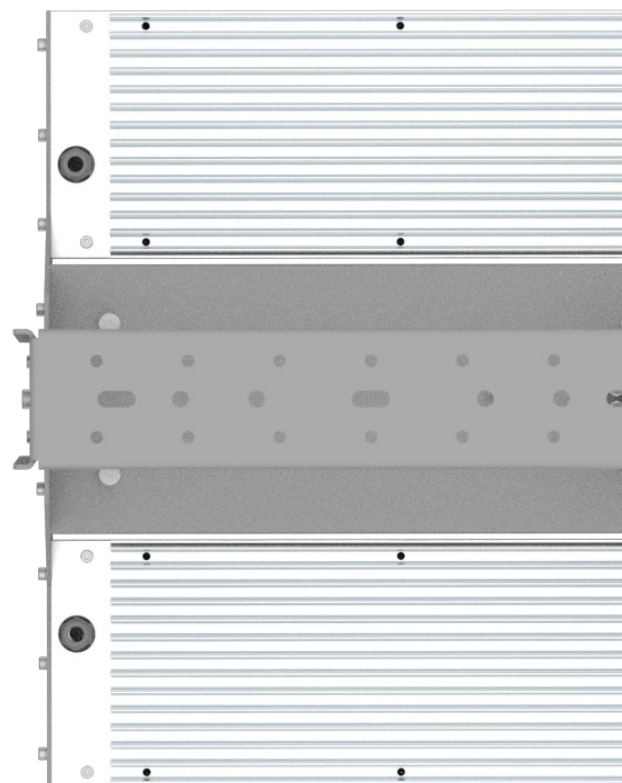
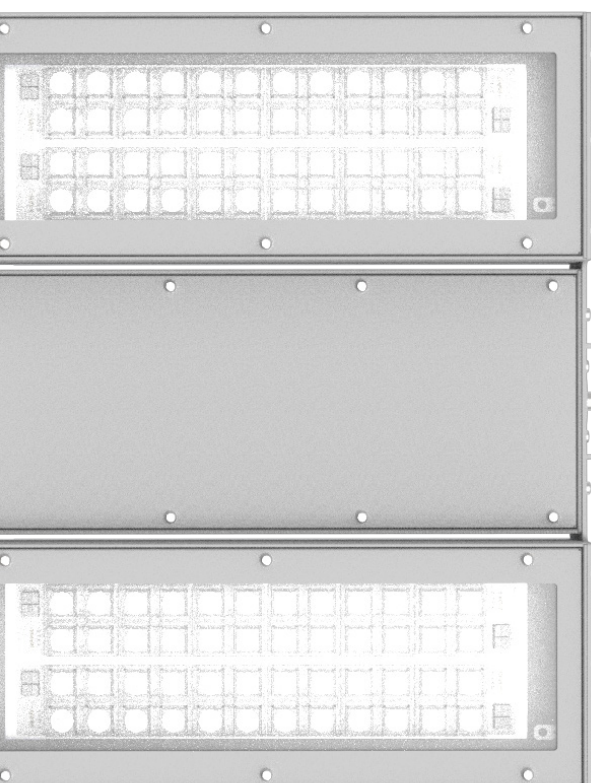
PHOTOMETRICAL PARAMETERS

>70
>80 - *optionally*

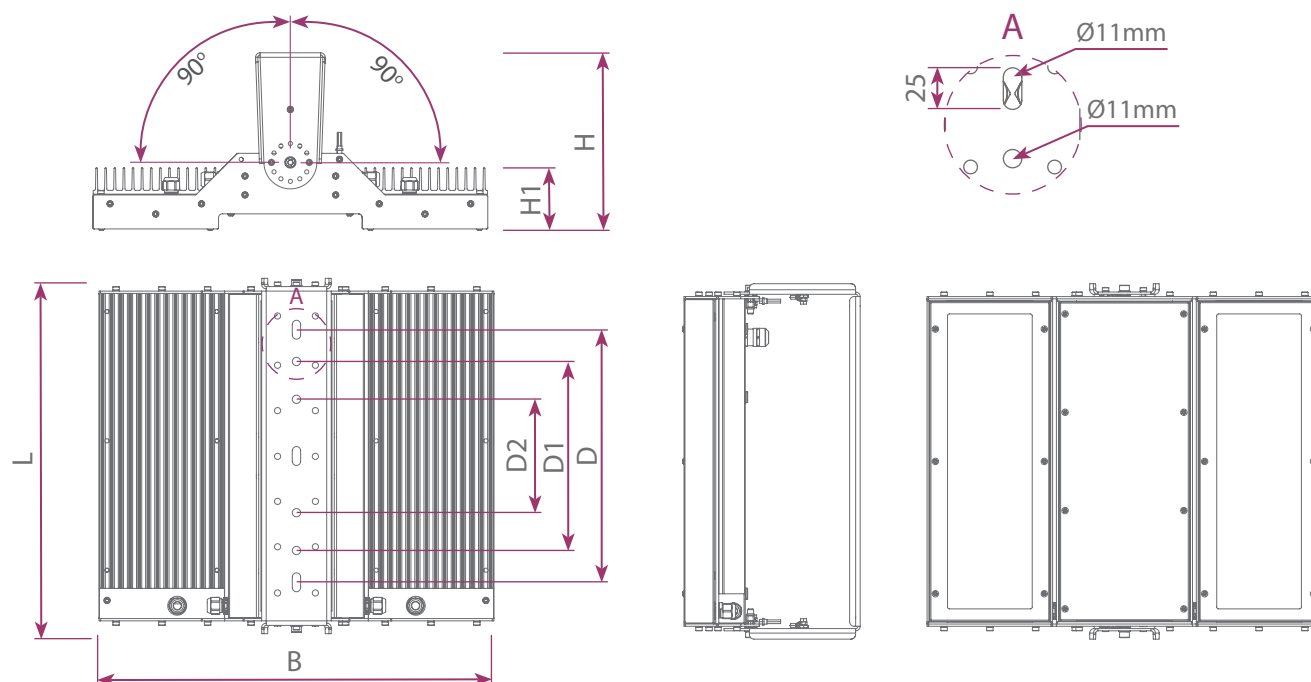
CRI



4000K

colour
temperature

DIMENSIONS



TYPE	L	B	H	H1	D	D1	D2
HPL440LED	470	522	235	100	334	250	150

TYPES COMPARISON

TYPES COMPARISON +60°C

TYPE OF THE FITTING	LUMINOUS FLUX [lm]	POWER CONSUMP.[W]	EFFICIENCY [lm/W]	MAX. AMB. TEMP. [°C]
HPL440LED-080-H4	10 550	82,0	129	60
HPL440LED-130-H8	16 606	128,0	130	60

TYPES COMPARISON +55°C

TYPE OF THE FITTING	LUMINOUS FLUX [lm]	POWER CONSUMP.[W]	EFFICIENCY [lm/W]	MAX. AMB. TEMP. [°C]
HPL440LED-170-H8	20 738	173,0	120	55

TYPES COMPARISON +40°C

TYPE OF THE FITTING	LUMINOUS FLUX [lm]	POWER CONSUMP.[W]	EFFICIENCY [lm/W]	MAX. AMB. TEMP. [°C]
HPL440LED-250-H8	27 402	235,0	117	40



Luminous flux tolerance +/- 10%

Power tolerance +/- 10%

The parameters given in the following data sheet has been determined for the temperature $T_a=25^{\circ}\text{C}$.

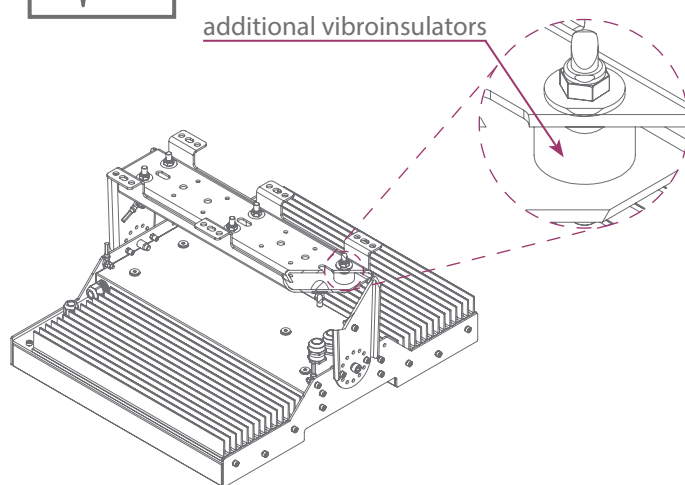
Luminous flux, light intensity distribution and efficiency has been tested on the basis of the standards EN ISO 17025:2005, norm series EN13032 and LM-79.

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

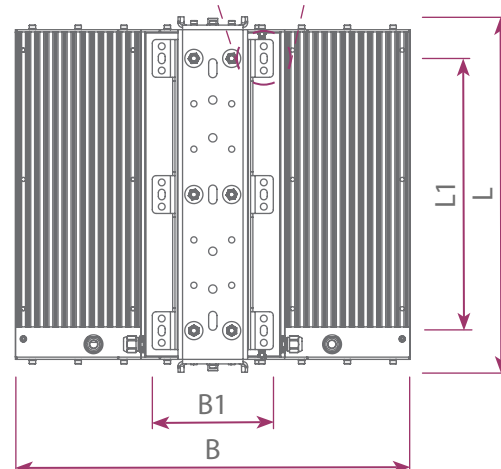
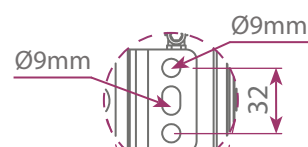
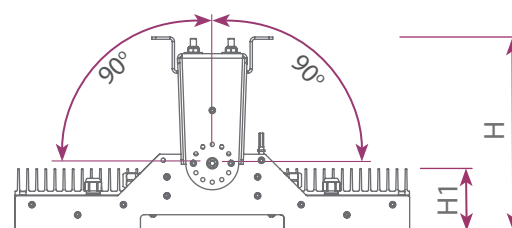
OPTIONAL EQUIPMENT



OPTIONAL VIBRATIONPROOF VERSION (VP)



additional vibroinsulators



TYPE	L	L1	H	H1	B	B1
HPL440LED	470	360	255	100	522	135

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. The luminaire is additionally secured with a protective cable (see Fig. 1.1).
3. An additional bracket made of high-grade stainless steel increases safety in case of damage to damped elements (see Fig. 1.2).

ADDITIONAL PROTECTION

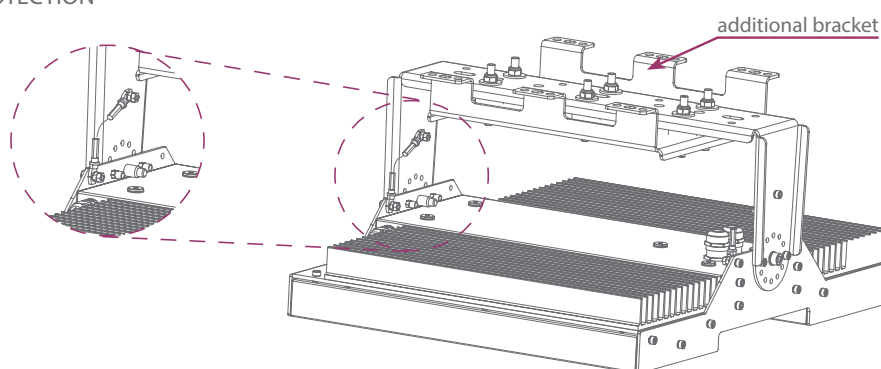


Fig. 1.1

ADDITIONAL BRACKET

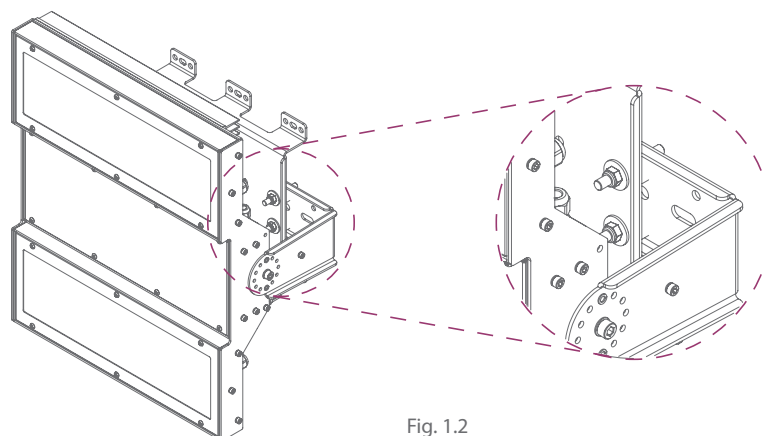


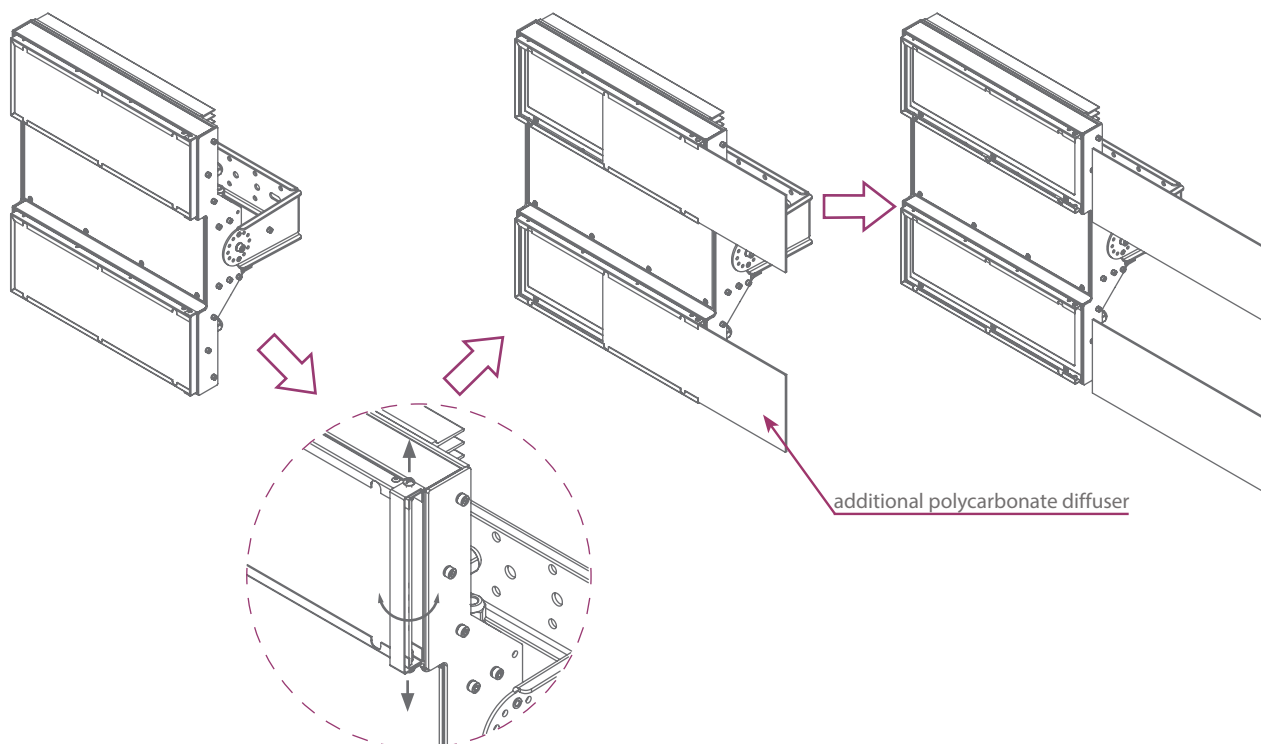
Fig. 1.2

OPTIONAL EQUIPMENT

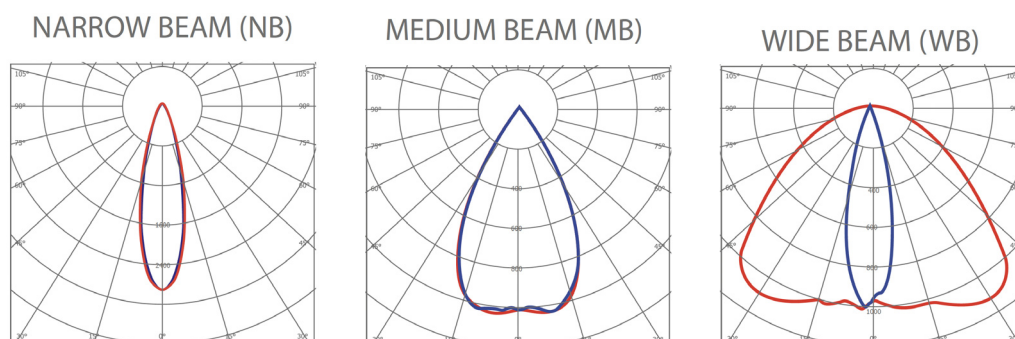


OPTIONAL VIBRATIONPROOF VERSION (BP)

Version is equipped with an easily replaceable, additional polycarbonate diffuser that protects the glass from any damage



PHOTOMETRY



CONFIGURATIONS

H	P	L	4	4	0	L	E	D	-				-	H			3	4	E	-	30	-	20	P	20	-	GS	-	GL	-					
group										0			8			0			4													VP		WB	
industrial light fittings										1			3			0			8													BP		MB	
type										1			7			0															NB				
type 440										2			5			0																			
source of light																																			
LED modules																																			
approximate power																																			
[W]																																			
LED module type																																			
LED modules quantity																																			
power supply																																			
34E - 230V, 50÷60Hz																																			
wiring																																			
30 - single 2-pole terminal																																			
cable inlets - quantity																																			
20 - two cable inlets on one side of the housing																																			
cable inlets - material																																			
P - plastic																																			
cable inlets - size																																			
20 - Ø20																																			
housing material																																			
GS - galvanized steel																																			
diffuser material																																			
GL - tempered glass																																			
additional equipment																																			
VP - version with vibroinsulators																																			
BP - version with additional blastproof diffuser																																			
optics																																			
WB - wide beam																																			
MB - medium beam																																			
NB - narrow beam																																			

DOWNLOADS

