

VECTOR FORCE



VECTOR FORCE-750

The VECTOR FORCE LED searchlight with optical systems is designed for detecting and tracking moving and static objects on the ground, in the sky, and on water surfaces at distances of up to 600 meters.

It provides enhanced illumination of hard-to-reach objects during rescue and firefighting operations at distances of up to 500 meters.

The searchlight is suitable for securing military installations, warehouses, restricted areas, river and seaport zones, industrial facilities, airports, and military airfields.

The maximum effective range of the light beam is up to 700 meters.

The searchlight can rotate 180 degrees around both the horizontal and vertical axes.



VECTOR FORCE-1150

Housing: Extruded aluminum profile with powder coating.

Side Covers: Aluminum alloy.

Adjustable Bracket: Rolled steel, 5 mm thick.

Diffuser: Monoblock of secondary optical lenses made of PMMA.

Sealing: Rubber gasket.

Cable Entry: 1 pc.

Light Source: CREE LEDs (USA).

Power Supply: MEAN WELL (Taiwan).

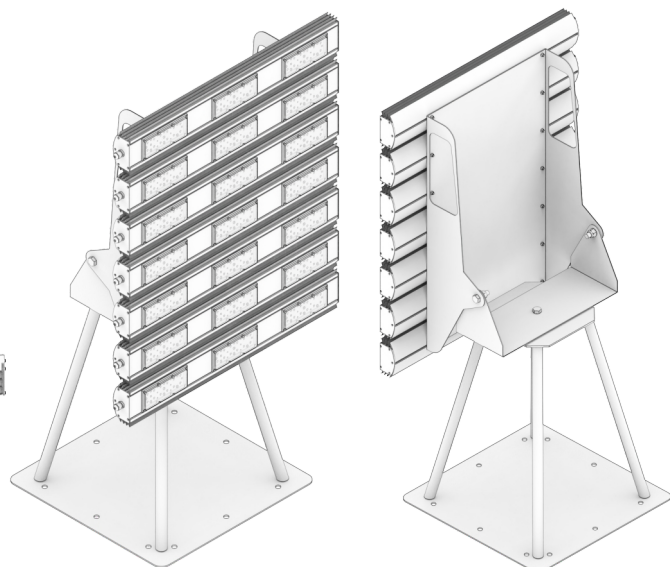
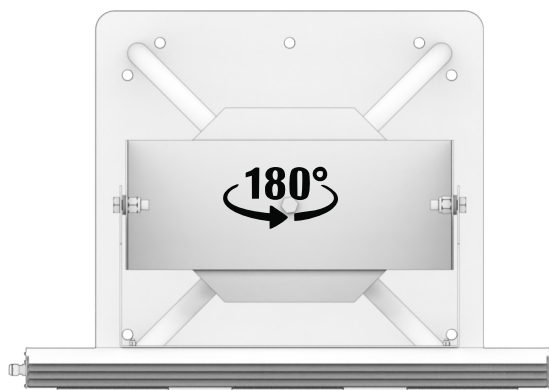
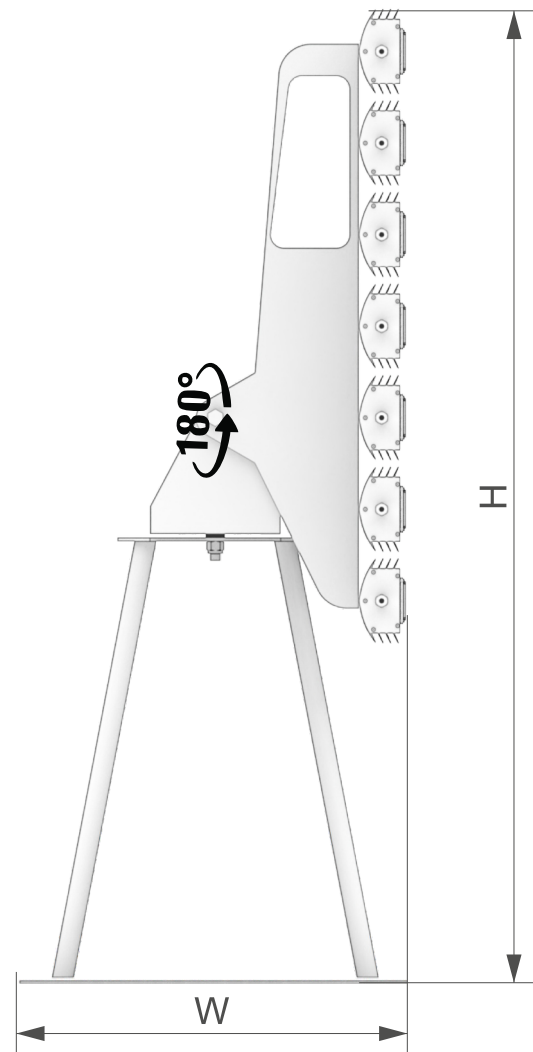
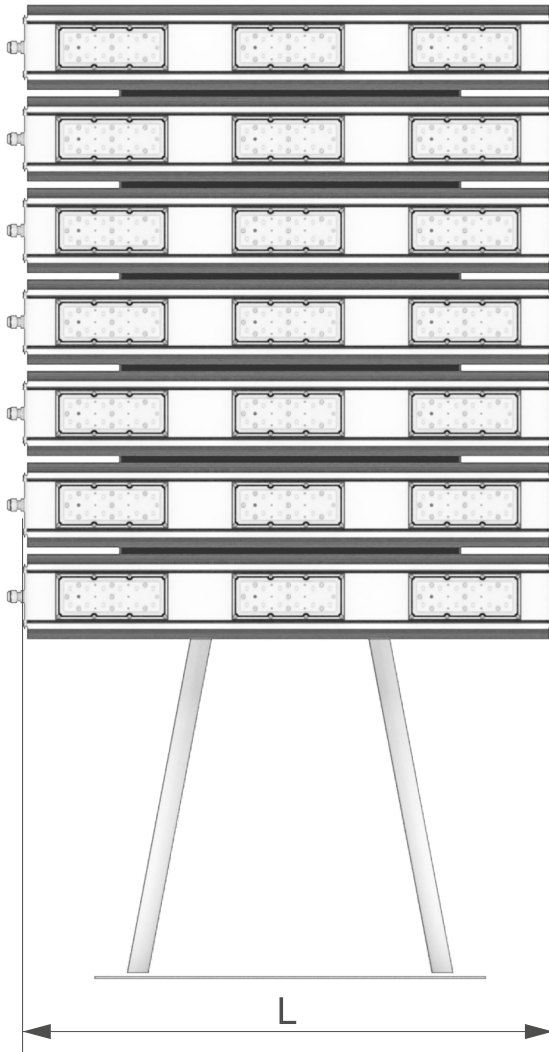
Model	VECTOR FORCE-750	VECTOR FORCE-1150
Operating Voltage (V)	220-240	
Power Factor (PFC)	> 0,98	
Color rendering index (CRI)	> 80	
Operating Temperature (°C)	from -40 to +40	
Correlated Color Temperature (CCT, K)	5000	
Ingress Protection (IP)	IP65	
Impact Resistance (IK)	IK08/5 J	
Mechanical Stability	M1	
Rated Power (W)	750	1150
Luminous Flux (lm)	101250	155250
Luminous Efficacy (lm/W)	135	
Beam Angles (°)	15, 30, 60, 90	
Installation	On the lyre	
Electrical Protection Class	I	
Weight of the searchlight/base ,kg	80 / 47	90 / 47
Dimensions (LxWxH, mm)	850x850x1900	850x850x1900

Ordering Example VECTOR FORCE-XX-ABC

Model Code Breakdown

XX - Power: 750 W 1150 W	A - Beam angle: 4 - 15° 5 - 30° 6 - 60° 7 - 90°	B - Installation: 1 - on the bracket	C - Supply voltage: 1 - AC 220 V
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LAMP SKETCH



VECTOR FORCE-750-ABC
VECTOR FORCE-1150-ABC