

VECTOR STRADA



VECTOR STRADA
25, 50, 60, 75, 100, 120, 150



VECTOR STRADA 200



VECTOR STRADA 400, 480



VECTOR STRADA 300



VECTOR STRADA 600

Housing Parts: Aluminum.
Diffuser: Monoblock of secondary optical lenses (PMMA).
Mounting Holder: Powder-coated steel.
Cable Entry: 1 pc.
Light Source: Samsung (South Korea) or CREE (USA) LEDs.
Power Supply: Built-in MEAN WELL power supply (Taiwan).
Package Contents: Luminaire with integrated LED light source.

The luminaire has universal application and is used for lighting:

- Territories of industrial, railway, motor transport, construction, and agricultural facilities
- Sea and river ports, airports
- Sports infrastructure complexes (stadiums, football fields, tennis courts, volleyball courts, other playgrounds, and racecourses)
- Squares and other open spaces
- Streets, roads, traffic intersections, bridge systems, and parking lots
- Architectural structures, facades, monuments, and billboards
- Quarries and open-pit mining sites
- Industrial, commercial, agricultural, warehouse, auxiliary, and other premises

Features:

- Resistance to Housing Impact: IK08 (5 J).
- Mounting Options: Can be mounted on excavators, cranes, and other machinery.
- Overvoltage Protection Unit (Version P): Disconnects the luminaire from the mains if the voltage exceeds 280 V for more than 60 ms and reconnects it after voltage stabilization.
- Backup Protection: Each LED is equipped with a backup protection circuit. In the event of a single LED failure, the floodlight continues to function normally without any loss of light output.
- Smooth Switching: Gradually increases current during startup, extending the lifespan of the LEDs by creating a stable operating mode.
- Components Quality: Electronic components and LEDs are sourced exclusively from world-leading manufacturers.
- Correlated Color Temperature (CCT): Wide range available, from 3000 K to 6000 K.
- Operating Voltage Range: 100–305 V AC.
- DC Voltage Compatibility: The luminaire can be configured to operate with a DC voltage of 220 V.

Model	VECTOR STRADA											
Operating Voltage (V)	AC 220, 12, 24, 36, DC 220, 12, 24, 36											
Power Factor (PFC)	0,95											
Color Rendering index (CRI)	> 80											
Operating Temperature (°C)	from -40 to +40											
Correlated Color Temperature (CCT, K)	4000 (on request 3000, 5000, 6000)											
Ingress Protection (IP)	IP65											
Electrical Protection Class	I											
Impact Resistance (IK)	IK08/5 J											
Mechanical Stability	M1											
Rated Power (W)	25	50	60	75	100	120	150	200	300	400	480	600
Luminous Flux (lm)	3250	6500	7800	9750	13000	15600	19500	26000	39000	52000	62400	78000
Beam Angles (°)	15, 30, 60, 90											
Luminous Efficacy (lm/W)	130											
Weight (kg)	2,6	2,6	2,8	3,2	3,2	4,0	5,0	7,4	11,0	15,6	17,4	22,8
Dimensions (LxWxH, mm)	350x130x150	350x130x150	400x130x150	500x130x150	500x130x150	600x130x150	800x130x150	500x280x230	800x280x230	500x580x230	600x580x230	800x580x230
Mounting Length (L1, mm)	140	140	140	140	140	140	140	240	360	240	240	360

Mounting: on a horizontal or vertical bearing surface using an adjustable bracket.

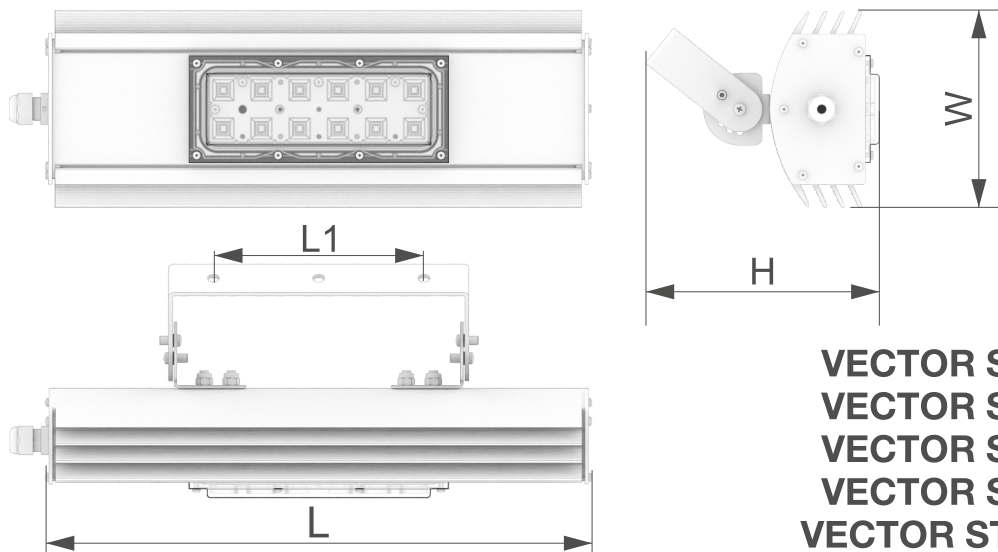
ELECTRICAL CONNECTION: individual cable 8...12 mm (core cross-section 1.5...4 mm).

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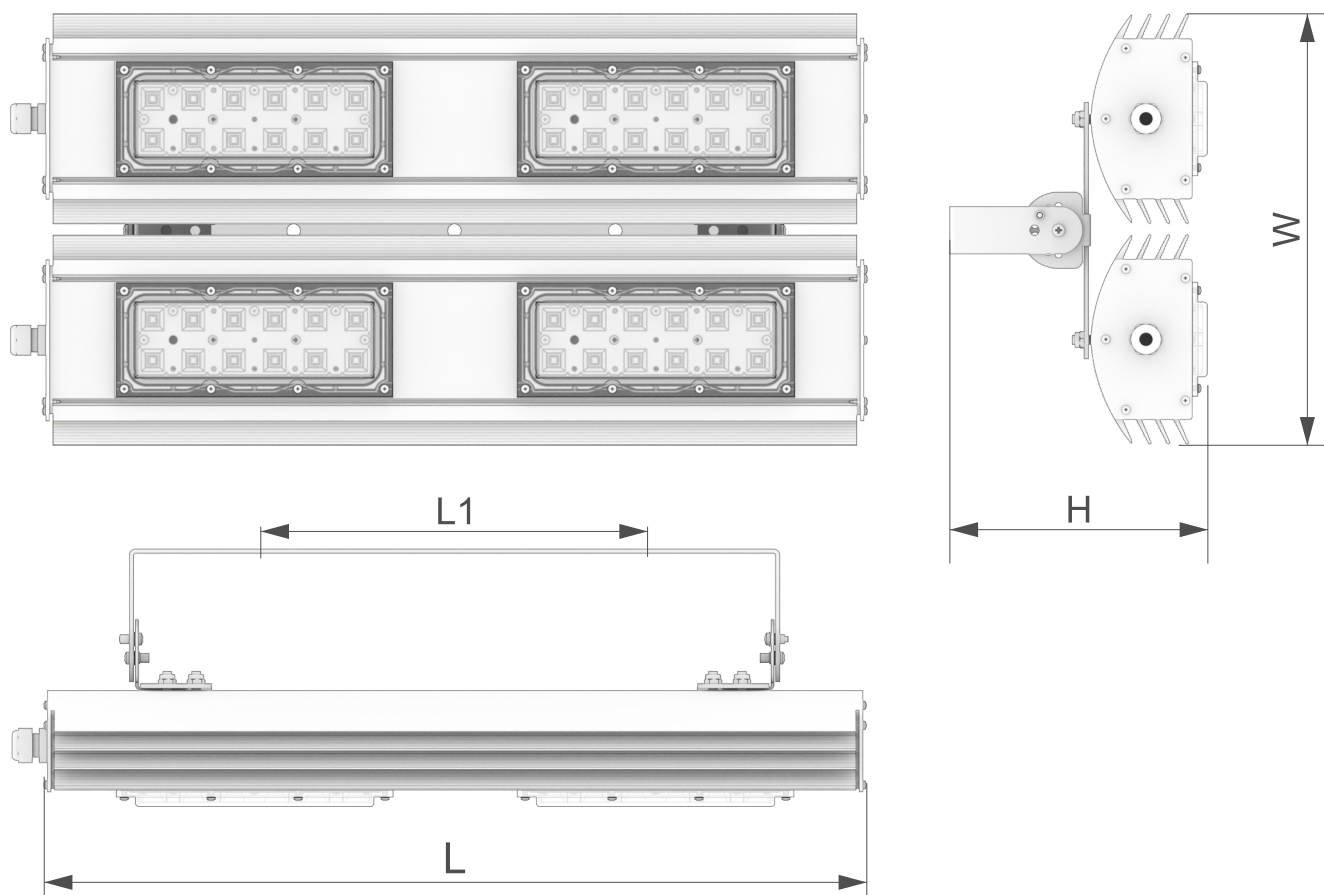
Example for ordering **VECTOR STRADA-D-XX-ABC-П:** Decoding modifications

XX - Power: 25 W 50 W 60 W 75 W 100 W 120 W 150 W 200 W 300 W 400 W 480 W 600 W.	A - Beam angle: 4 - monoblock optical lenses, 15° 5 - monoblock optical lenses, 30° 6 - monoblock optical lenses, 60° 7 - monoblock optical lenses, 90°	B - Power supply network parameters: 1 – AC, 220 V 2 - DC, 220 V 3 - AC, 36 V 4 - DC, 36 V 5 - AC, 24 V 6 - DC, 24 V 7 - AC, 12 V 8 - DC, 12 V	C - Installation: 1 - with the help of an adjustable bracket
			P - Designation: on request, with an overvoltage protection unit
			D - Color temperature: 0 - 3000 K 1 - 4000 K 2 - 5000 K 3 - 6000 K

Lamp Sketch

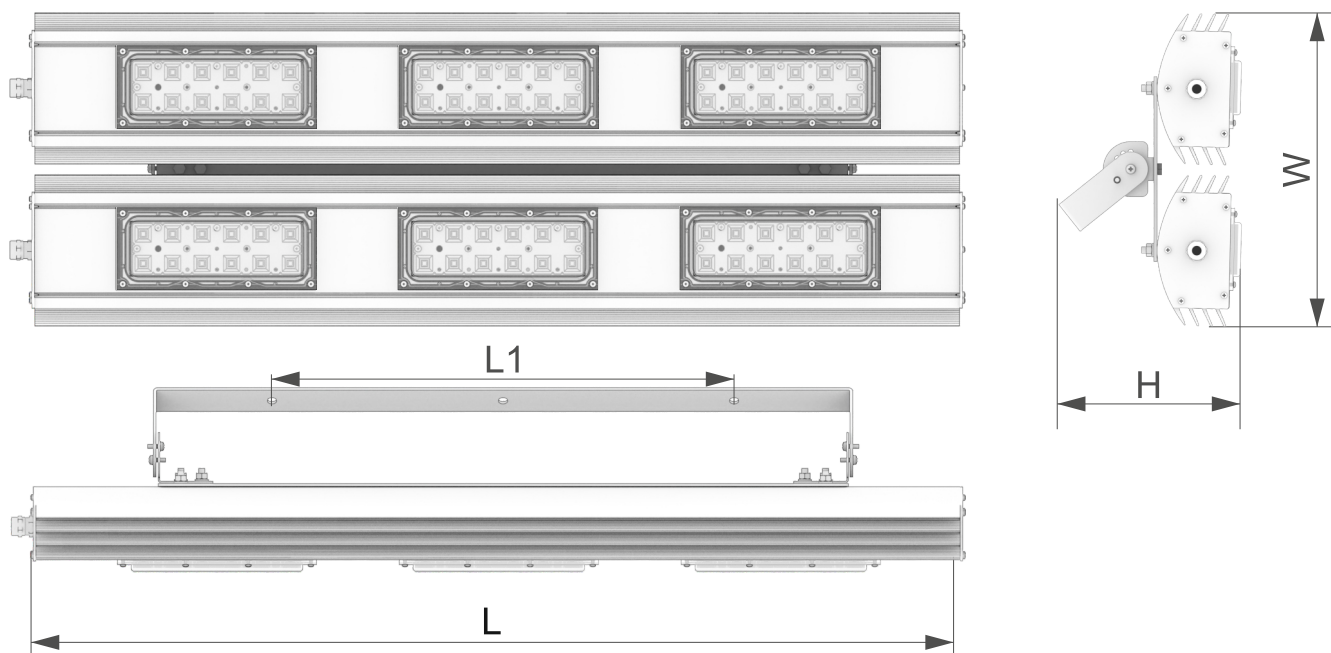


VECTOR STRADA-D-25-ABC-П
VECTOR STRADA-D-50-ABC-П
VECTOR STRADA-D-60-ABC-П
VECTOR STRADA-D-75-ABC-П
VECTOR STRADA-D-100-ABC-П
VECTOR STRADA-D-120-ABC-П
VECTOR STRADA-D-150-ABC-П

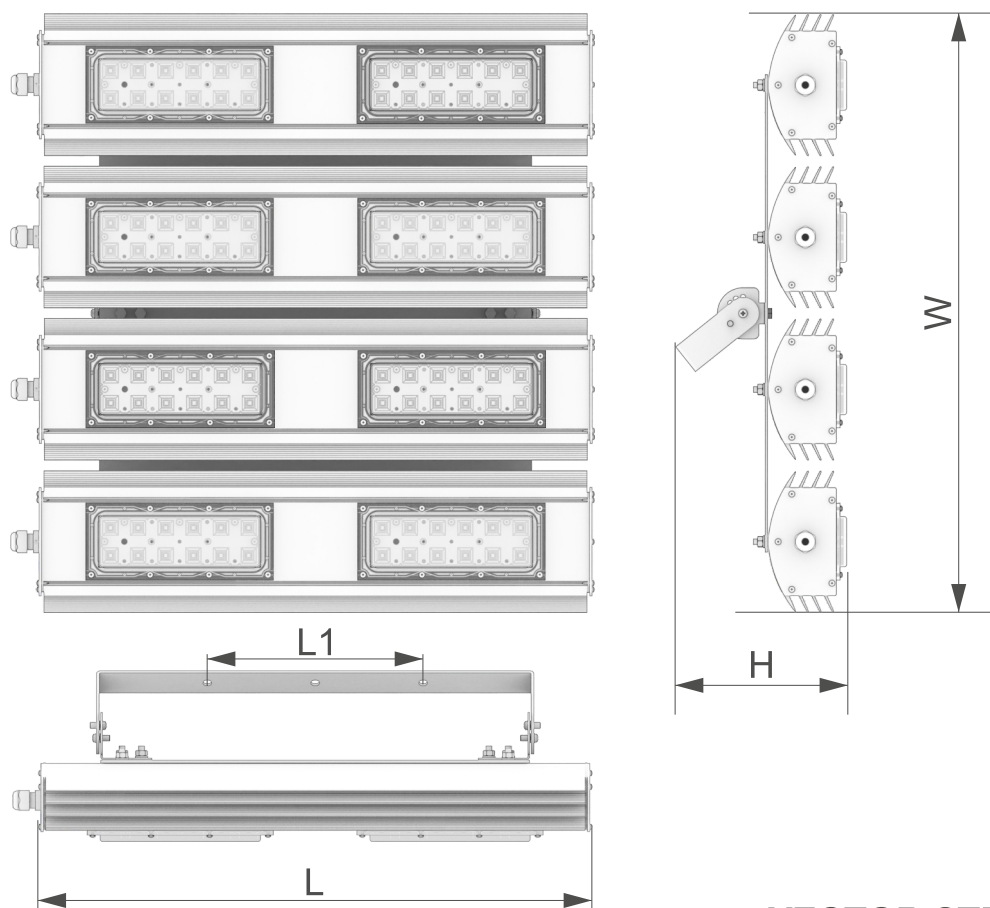


VECTOR STRADA-D-200-ABC-П

Lamp Sketch

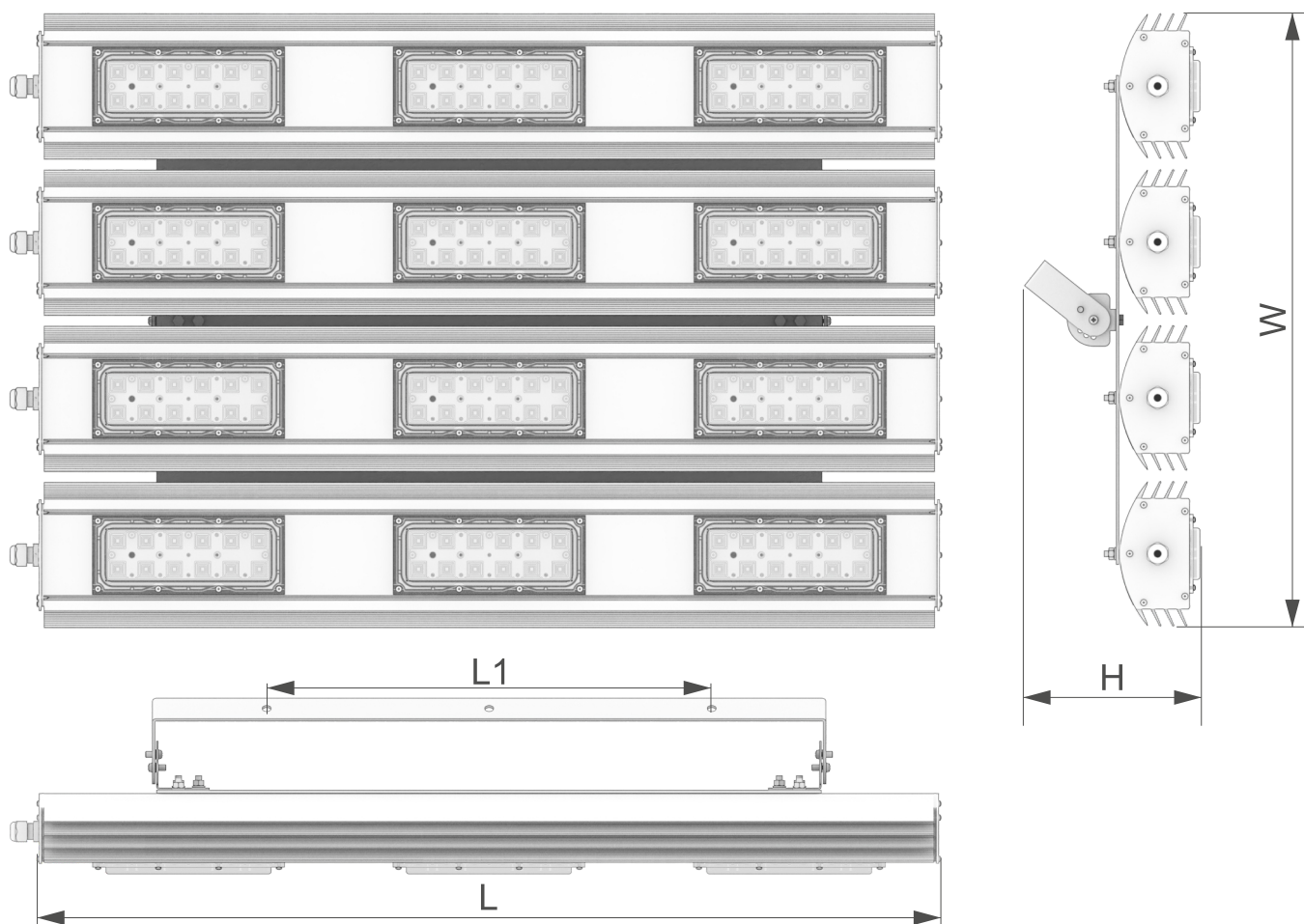


VECTOR STRADA-D-300-ABC-П



VECTOR STRADA-D-400-ABC-П VECTOR STRADA-D-480-ABC-П

Lamp Sketch



VECTOR STRADA-D-600-ABC-Π