



# VL6

The VL6 is a stylish LED work light with a streamline design and therefore also often used in confined spaces on fire-fighting vehicles, commercial coaches and trucks, forklift trucks, ATV's and alike. Thru bolt mounting. EMC class 4 according to EN55025 / CISPR 25 to avoid radio interference.



## SUGGESTED APPLICATIONS

The VL6 is highly adaptable and can be used across numerous applications worldwide, including:



FIRE-FIGHTING VEHICLES



MATERIAL HANDLING

## TECHNICAL DATA

- Housing Material:** Cast Aluminium
- Mounting Options:** Thru Bolt
- Lens Material:** Polycarbonate
- Temperature range:** -40 to +75 °C
- Connector:** Deutsch (DT04-2P) built in
- Weight:** Thru Bolt 550 g / 1.22 lbs
- Light Patterns:** Symmetric  
Asymmetric



Overheating Protection



Over-voltage Protection



Polarity Protection

## TEST STANDARDS



Salt Spray ASTM B117 500 h



Vibration 5-2000 Hz 3 Axis, 8 Grms



Shock Tested 50 G 11 ms

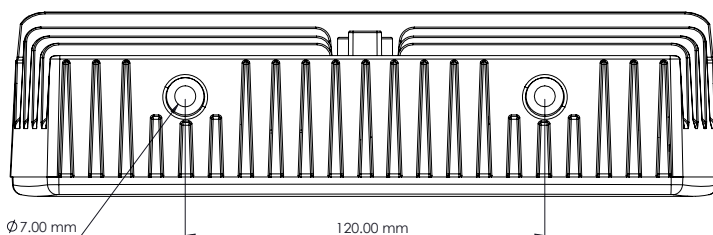
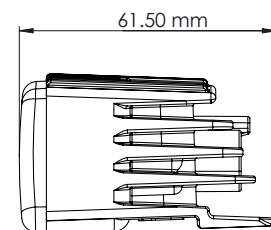
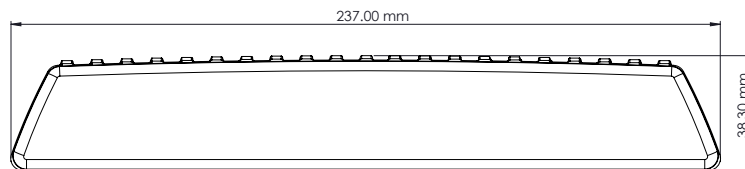


IP69K



EN55025 / CISPR 25 Class 4  
ISO 11452-2 / ISO 11452-4 / ISO 16750-2  
ISO 10605 / ISO 7637-2

TYRI's testing standards can be found at: [www.tyrilights.com](http://www.tyrilights.com)



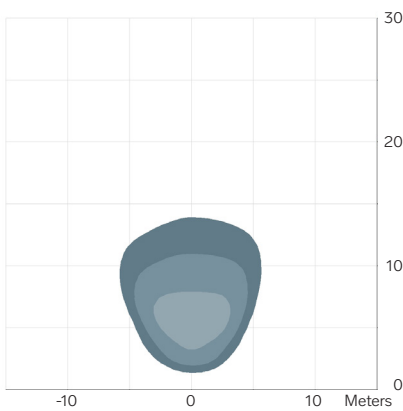


# VL6

| LIGHT OUTPUT    | VOLTAGE |                 | AMP DRAW |       | POWER | COLOUR TEMPERATURE | EMC               |
|-----------------|---------|-----------------|----------|-------|-------|--------------------|-------------------|
|                 | Machine | Operating Range | 12 V     | 24 V  |       |                    |                   |
| Effective Lumen | Machine | Operating Range | 12 V     | 24 V  | Watts | K                  | EN55025 / CISPR25 |
| 1000 lm         | 12-48 V | 9-60 V          | 2.0 A    | 1.0 A | 24 W  | 6200               | 4                 |
| 1600 lm         | 24 V    | 18-32 V         |          | 0.8 A | 19 W  | 5700               | 5                 |

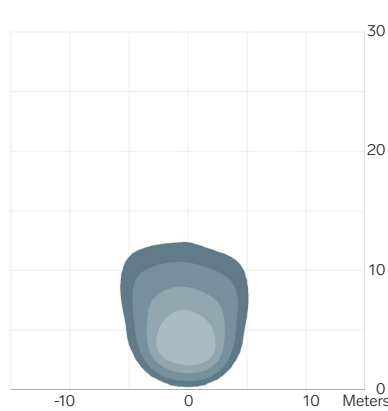
## TYPICAL LIGHT PATTERNS

Example for VL6 / 1000 effective lumen | For further light patterns visit [www.tyrilights.com](http://www.tyrilights.com)



### VL6 / 1000 lm

Wide 45°+  
Symmetrical



### VL6 / 1000 lm

Wide 45°+  
Asymmetrical

