

## VORTEX SAFETY LIGHTING SYSTEM KIT

SKU: **LED-U1**

ASSEMBLED IN THE  
**USA**

KIT DESIGNED FOR UTILITY TRAILER 4000D-X  
CONTACT LED LIGHTING INC. FOR CUSTOM KITS FOR ALL OTHER TRAILER MODELS



### FEATURES:

- Auto on/off switching
- OSHA compliant (osha.gov)
- Waterproof design
- Impact resistant
- Vibration resistant



## TECHNICAL INFORMATION

Total System Lumen Package	6210 lm
Input Voltage	12VDC
Amperage	2.25A
Color Temperature	5200K - pure white
Color Rendering Index	91+
Waterproof Rating	IP65
Operating Temperature	-22 °F to 140 °F
Beam	120 °
Housing Material	6061 Aluminum
Mounting	3M™ VHB
Warranty	3 year limited
Lifetime	52,000 hours
Certification	UL, CE, RoHS, SAE*, IP65

### \*DESIGNED TO CONFORM TO THE ELEMENTS OF:

- Impact Resistance: SAE J575 sec. 4.3
- UV Weathering: SAE J2412 & J2527
- Humidity: SAE J1455 sec. 4.7
- Ingress Protection: IP67 & IP69K
- Corrosion: SAE J2139
- Vibration: SAE J575 sec. 4.2
- Flammability: FMVSS 302; UL 94 HTM-0, UL 94 VTM-0
- Chemical Resistance: SAE J1455 sec 4.4
- Abrasion: SAE J1455 sec. 4.8 & J400

### COMPONENTS INCLUDED:

-  (1) - ON/OFF timer switch
-  (2) - VORTEX Light Bars, 20.25" with 12ft 18AWG 2-conductor wire on both ends
-  (2) - VORTEX Light Bars, 20.25" with 12ft 18AWG 2-conductor wire on one end
-  (3) - VORTEX Light Bars, 10.25" with 12ft 18AWG 2-conductor wire on both ends
-  (6) - UIB - 3M™ Scotchlok™ Connectors
-  (4) - Waterproof Splices
-  (14) - Grommets for 5/16" drill bit
-  (1) - Power Cable, 12ft (from splice to Occ Sensor), waterproof 16AWG 2-Conductor, UL, CL3
-  (3) - Identifying Decals for Trailer Exterior

EQUIPPED WITH  
SAFETY LIGHTS

WIRING DIAGRAM & COMPONENTS

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