

VORTEX SAFETY LIGHTING SYSTEM KIT, 53'

PATENT PENDING



SKU: **LED-U1**

ASSEMBLED IN THE
USA

DESIGNED FOR AFTERMARKET USE ON UTILITY 4000D-X
CONTACT LED LIGHTING INC. FOR CUSTOM KITS

FEATURES:

- Patent pending design mounts to ceiling ledge for unobstructed cargo handling
- Auto on/off switching
- OSHA compliant (osha.gov)
- Waterproof and impact resistant
- Vibration resistant
- Assembled in the USA
- Custom kits available

COMPONENTS INCLUDED:

Initial Delivered Lumens	4835 lm
Input Voltage	12VDC
Amperage	3.1A
Color Temperature	5200K - pure white
Color Rendering Index	91+
Waterproof Rating	IP65
Operating Temperature	-22 °F to 140 °F
Beam	120 °
Housing Material	6063 Aluminum
Lens	Clear Polycarbonate
Mounting	3M™ VHB
Warranty	limited lifetime warranty
Lifetime	52,000 hours
Certification	UL, CE, RoHS, SAE*, IP65

IMAGE	QTY	DESCRIPTION
	1	ON/OFF PIR timer switch with 4' power feed
	3	10-1/2" VORTEX™ light bars, 8'-6" wire on both ends (16AWG)
	1	18-1/2" VORTEX™ light bar, 9' wire on one end 8'-6" wire on other end (16AWG)
	1	18-1/2" VORTEX™ light bar, 8'-6" wire on one end (16AWG)
	1	18-1/2" VORTEX™ light bar, 9' wire on one end (16AWG)
	1	18-1/2" VORTEX™ light bar, 9'-6" wire on one end, 8'-6" wire on other end (16AWG)
	10	Male Perma-Seal™ bullet connectors
	14	Female Perma-Seal™ bullet connectors
	75	Mounting clips
	2	Waterproof splices
	3	Identifying decals for trailer exterior
		OPTIONAL - Heavy duty splice box (IP68)

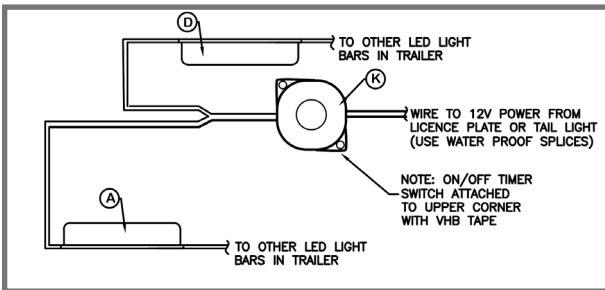
*DESIGNED TO CONFORM TO THE ELEMENTS OF:

- Impact Resistance: SAE J575 sec. 4.3
- UV Weathering: SAE J2412 & J2527
- Humidity: SAE J1455 sec. 4.7
- Ingress Protection: IP65
- 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

WIRING DIAGRAM & COMPONENTS

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(K) ON/OFF SWITCH WIRING DETAIL REF.



BILL OF MATERIALS		
ITEM	QTY	DESCRIPTION
A	1	VORTEX LIGHT BAR, 18-1/2" w/ 9' #16AWG 2-CONDUCTOR WIRE ON ONE END AND 8'-6" #16AWG 2-CONDUCTOR WIRE ON OTHER END
B	3	VORTEX LIGHT BAR, 10-1/4" w/ 8'-6" #16AWG 2-CONDUCTOR WIRE ON BOTH ENDS
C	1	VORTEX LIGHT BAR, 18-1/2" w/ 9' #16AWG 2-CONDUCTOR WIRE ON ONE END
D	1	VORTEX LIGHT BAR, 18-1/2" w/ 9'-6" #16AWG 2-CONDUCTOR WIRE ON ONE END AND 8'-6" #16AWG 2-CONDUCTOR WIRE ON OTHER END
G	1	VORTEX LIGHT BAR, 18-1/2" w/ 8'-6" #16AWG 2-CONDUCTOR WIRE ON ONE END
H	14	PERMA-SEAL™ .180 BULLET CONNECTORS
J	4	WATERPROOF SPLICES
K	1	ON/OFF TIMER SWITCH

