

# LEGION

## LIGHTBAR

12 or 24VDC



Legion Reflector

Legion D-Fuser



### FEATURES

- D-Fuser or Reflector optics for superior 360 degree light spread.
- D-Fuser: 6LED Middle lighthoods with 12LED Corner lighthoods. Reflector: 3LED Middle lighthoods with 6LED Corner lighthoods.
- LEDs rated to 100,000 hours of operation.
- Easy maintenance and lighthouse replacement.
- Optional Takedowns and Alley Lights are available.
- Optional auto-dimming light sensor / photocell (special order). **NEW!**
- Built-in and programmable flashing patterns .
- Optional Traffic Arrow option.
- Optional Stop/Tail/Turn Lighthouse.
- Non-volatile memory recalls last flash pattern used at power up.
- Reverse polarity protection.
- Aluminium extrusion for best heat dissipation.

### SPECIFICATIONS

#### Compliance:

D-Fuser: ECE R65 (TA2; TB2), ECE R10, SAE J845, SAE J595, CA Title 13  
 Reflector: ECE R10, SAE J845, SAE J595, CA Title 13

**Operating Voltage:** 12 or 24VDC

**Wires:** D-Fuser Model

Model	Power Cable	Function Cable
24"	10' (16AWG x 2)	10' (20AWG x 2)
30"	15' (12AWG x 2)	15' (22AWG x 8)
36"	15' (12AWG x 2)	15' (22AWG x 8)
43"	15' (14AWG x 4)	15' (22AWG x 16)
49"	15' (14AWG x 4)	15' (22AWG x 16)
54"	15' (14AWG x 4)	15' (22AWG x 16)
60"	15' (14AWG x 4)	15' (22AWG x 16)
66"	15' (14AWG x 4)	15' (22AWG x 16)
72"	15' (14AWG x 4)	15' (22AWG x 16)

#### Reflector Model

Model	Power Cable	Function Cable
24"	10' (16AWG x 2)	10' (20AWG x 2)
30"	15' (12AWG x 2)	15' (22AWG x 8)
36"	15' (12AWG x 2)	15' (22AWG x 8)
43"	15' (12AWG x 2)	15' (22AWG x 8)
49"	15' (12AWG x 2)	15' (22AWG x 8)
54"	15' (12AWG x 2)	15' (22AWG x 8)
60"	15' (12AWG x 2)	15' (22AWG x 8)
66"	15' (12AWG x 2)	15' (22AWG x 8)
72"	15' (12AWG x 2)	15' (22AWG x 8)

### OPTIONS

**LED Colour:** Red, Blue, Amber, White or Green

**Lens Colour:** Red, Blue, Amber or Clear

**Corner Lighthouse Optics:** i. 6LED Reflector  
 ii. 12LED D-Fuser

**Middle Lighthouse Optics:** i. 3LED Reflector  
 ii. 6LED D-Fuser

**Optional Lighthouse:** i. 3LED Alley Light  
 ii. 6LED Takedown / Work Lamp  
 iii. 9LED Takedown / Work Lamp

**Special Options:** - Auto-dimming Sensor  
 - Stop / Tail /Turn Indicator  
 - Traffic Advisor

### FLASH PATTERN

FP#	E1 Software Flash Pattern		
1	Single	(Split)	[2Hz]
2	Double	(Split)	[2Hz]
3	Quad	(Split)	[2Hz]
4	Ultra	(Split)	
5	Single-Quad	(Split)	
6	Single	(Side-by-Side)	[2Hz]
7	Quad	(Side-by-Side)	[2Hz]
8	Single	(Outside-In)	[2Hz]
9	Quad	(Outside-In)	[2Hz]
10	Single		[2Hz]
11	Double		[2Hz]
12	Quad		[2Hz]
13	Ultra		
14	Single-Quad		

FP#	L1 Software Flash Pattern		
1	Single	(Split)	
2	Quad	(Split)	[75FPM]
3	Ultra	(Split)	
4	Single-Quad	(Split)	
5	Single	(Side-by-Side)	
6	Ultra	(Side-by-Side)	
7	Single	(Outside-In)	
8	Ultra	(Outside-In)	
9	Single		
10	Quad		[75FPM]
11	Ultra		
12	Single-Quad		

## CURRENT RATING

Lighthouse	12VDC	24VDC
	Max. Current	Max. Current
6LED Corner Reflector	1.12A / each	0.56A / each
12LED Corner D-Fuser	1.80A / each	0.90A / each
3LED Middle Reflector	0.56A / each	0.28A / each
6LED Middle D-Fuser	1.12A / each	0.56A / each
6LED Takedown	1.12A / each	0.56A / each
9LED Takedown	1.48A / each	N/A / each
3LED Alley Light	1.68A / pair	0.84A / pair
ICS Section	1.52A / set	0.76A / set

NOTE: Calculate the total current rating base on your lightbar configuration.

## SUGGESTED FUSE RATING

Lighthouse	12VDC	24VDC
6LED Corner Reflector	+2A / each	+1A / each
12LED Corner D-Fuser	+3A / each	+2A / each
3LED Middle Reflector	+1A / each	+1A / each
6LED Middle D-Fuser	+2A / each	+1A / each
6LED Takedown	+2A / each	+1A / each
9LED Takedown	+2A / each	N/A
3LED Alley Light	+3A / pair	+2A / pair
ICS Section	+2A / set	+1A / set

NOTE: Calculate the total fuse rating needed base on your lightbar configuration.

## MOUNTING OPTIONS

**99-A006M00-000**  
Adjustable Feet Type B



**99-A006M01-000**  
Left & Right Lighthouse Brackets Only  
**99-A006M02-000**  
Front & Rear Lighthouse Brackets Only



**99-LLEGM01-000**  
Standard Bolt Mount Brackets



**99-LTRTM00-000**  
Adjustable Bolt Mount Brackets



**99-LTRTM01-000**  
Flat Surface Mount Brackets-Narrow

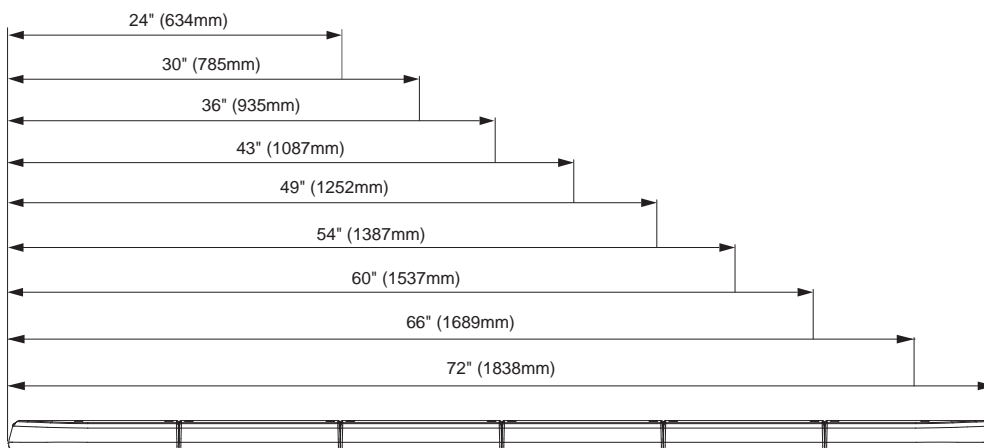


**99-LTRTM04-000**  
Flat Surface Mount Brackets-Wide



## DIMENSIONS

Standard Model Lengths:



Height & Width :

