

# **MOVIN' ON GPS**



**[www.MovinOnGPS.com](http://www.MovinOnGPS.com)**

***If You Have a Fleet...Then We Need to Meet!™***



## **MOSS EMERGENCY LIGHTS AND SIRENS**

**LIGHTBARS / LAMPS & LIGHTING / SIRENS & SPEAKERS  
CONTROLLERS & SWITCHES / INSTALLATION & SERVICE**

**636 Hempstead Turnpike, Franklin Square, NY 11010  
(516) 489-2350 | [www.movinongps.com](http://www.movinongps.com)**



## **TABLE OF CONTENTS**

**[CLICK TO JUMP TO SECTION](#)**

**Roof Bars**

**Inside Bars**

**Outside Bar**

**Windshield Mount**

**Grill/Surface Mount Light Heads**

**Hide A Ways**

**Controllers**

**Sirens**

**Speakers**

**Mounting Brackets**

**Work Lights**

**Installation Hardware**

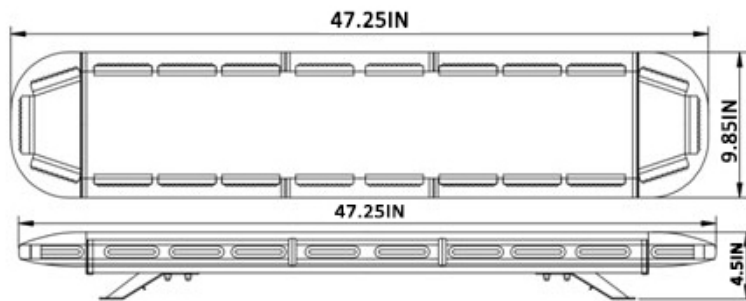
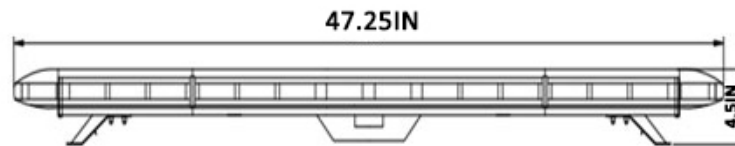
**Installation Jobs**



## MOSS-8900A

(A/W, B/W, R/W, R/B, A, B, W, R)

Full size 47" roof bar



MODEL	LED POWER	LED QTY	PATTERNS	LED COLOR	OPERATING VOLTAGE	LENGTH	N.W	PACKING SIZE
MOSS-8900A	1w LEDs	132PCS	18	Available colors: clear\red\blue\amber	DC12V/24V	47.25IN	17.6LB	48.8*11.8*17.5IN

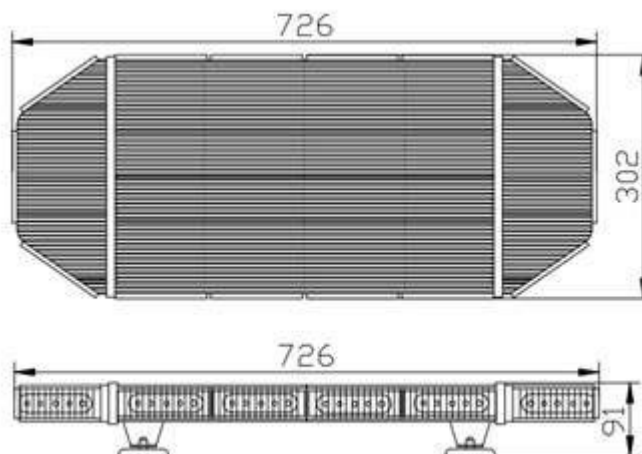
## LED Roof Light Bars

### MOSS-8711wA

28.5" x 12" x 3.5"

Aluminum Housing

14 Light Heads - 6 LED 1W Modules



MODEL	POWER	LED POWER	LED QTY	LED COLOR	OPERATING VOLTAGE	FLASH PATTERNS	LENGTH	N.W	PACKING SIZE
MOSS-8711W	3.6W	1W LEDs	84 PCS	Available colors: clear/red/blue/amber	DC12V/24V	16 Patterns	73cm	7.5kg	810*360*190mm

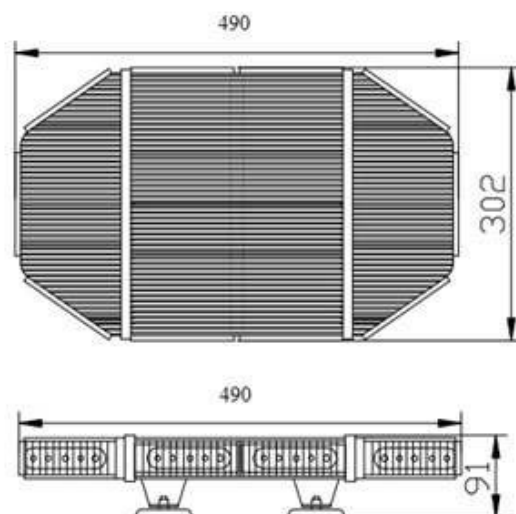


## MOSS-8711sA

10 Head - 6 LED 1W Modules

19" x 12" x 3.5"

Aluminum Housing

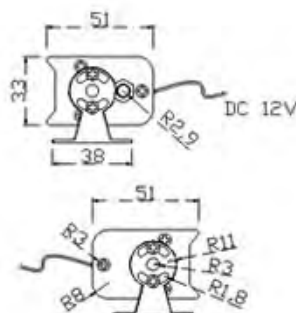
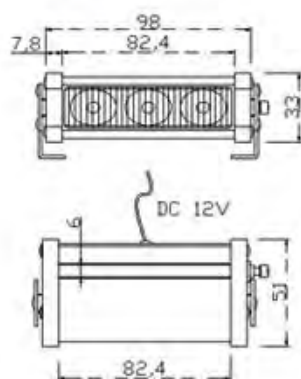


MODEL	LED POWER	LED QTY	LED COLOR	OPERATING VOLTAGE	FLASH PATTERNS	LENGTH	N.W	PACKING SIZE
MOSS-8711s	1 W LEDs	60PCS	Available colors: clear\red\blue\amber	DC12V/24V	16 Patterns	48cm	4.8kg	570*360*190mm

## MOSS-21

### Singular Mini Modular Light Bar

(A/W, B/W, R/W, R/B, A, B, W, R)  
4"W x 2"D x 1.5H"



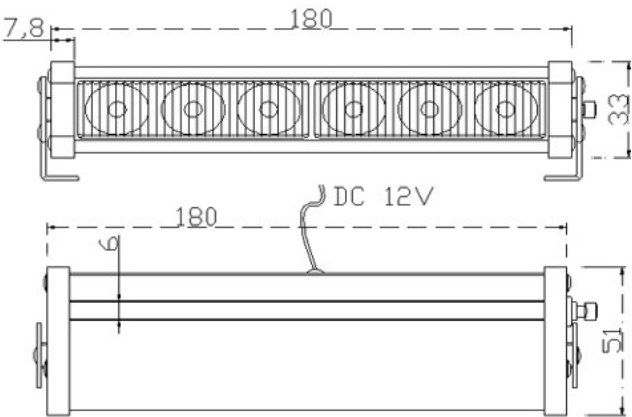
MODEL	LED POWER	LED QTY	LED COLOR	OPERATING VOLTAGE	LENGTH	N.W	PACKING SIZE
MOSS-21	1Watt	3PCS	Available Colors: White/Blue/Red/Amber	DC12V/24V	95mm	0.2kg	200*75*60mm

**Dual Modular Mini Light Bar**

**MOSS-22**

(A/W, B/W, R/W, R/B, A, B, W, R)

7"W x 2"D x 1.5"H

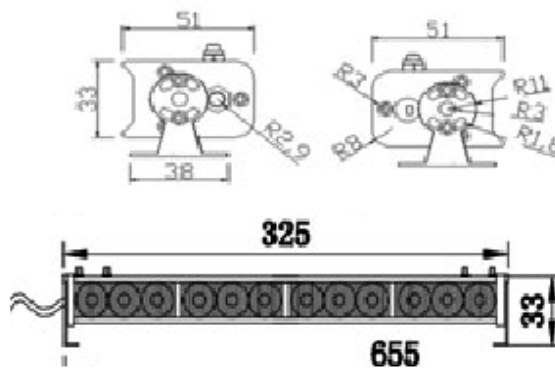


MODEL	LED POWER	LED QTY	LED COLOR	OPERATING VOLTAGE	LENGTH	N.W	PACKING SIZE
MOSS-22	0.5W/1W	6PCS	Available Colors: White/Blue/Red/Amber	DC12V/24V	195mm	0.32kg	260*80*80mm



## MOSS-51

**4 Modular Mini  
Light Bar  
12.5" X 1.5"**



MODEL	LED POWER	LED QTY	LED COLOR	OPERATING VOLTAGE	LENGTH	N.W	PACKING SIZE
MOSS-51	1Watt	12PCS	Available Colors: White/Blue/Red/Amber	DC12V/24V	325mm	0.46kg	380*80*80mm

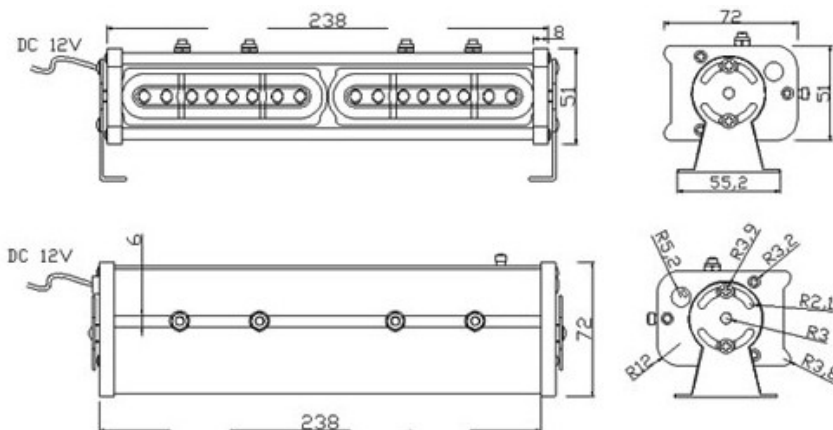
## MOSS-9800 Series Interior Light bars

### MOSS-9800-2

(A/W, B/W, R/W, R/B, A, B, W, R)

9.5"W x 2.9"D x 2"H

#### 2-Modular Light Bar



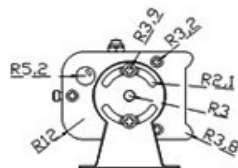
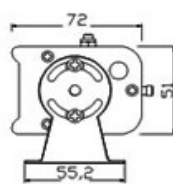
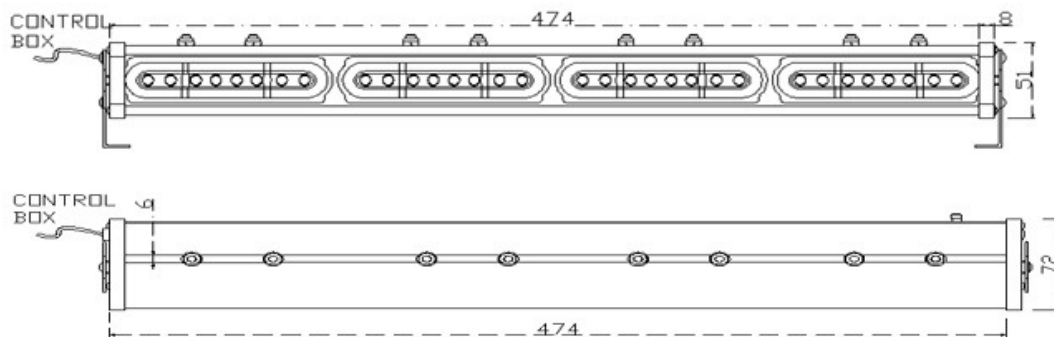
MODEL	LED POWER	LED QTY	LED COLOR	OPERATING VOLTAGE	LENGTH	N.W	PACKING SIZE
MOSS-9800-2	1Watt	16PCS	Available Colors: White/Blue/Red/Amber	DC12V/24V	238mm	0.36kg	260*80*80mm

## MOSS-9800-4

(A/W, B/W, R/W, R/B, A, B, W, R)

18.5"W x 2.9"D x 2"H

### 4-Modular Light Bar



MODEL	LED POWER	LED QTY	LED COLOR	OPERATING VOLTAGE	LENGTH	N.W	PACKING SIZE
MOSS-9800-4	1Watt	32PCS	Available Colors: White/Blue/Red/Amber	DC12V/24V	474mm	0.66kg	510*80*80mm

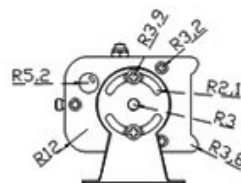
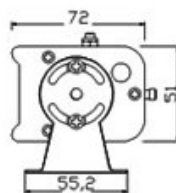
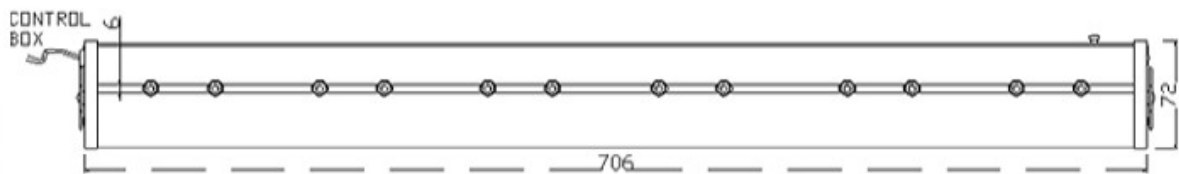
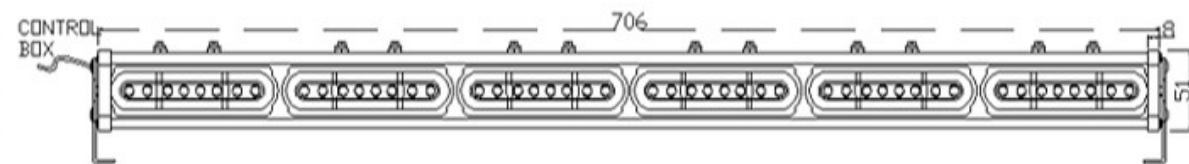


## MOSS-9800-6

(A/W, B/W, R/W, R/B, A, B, W, R)

27.8"W x 2.9"D x 2"H

### 6-Modular Light Bar



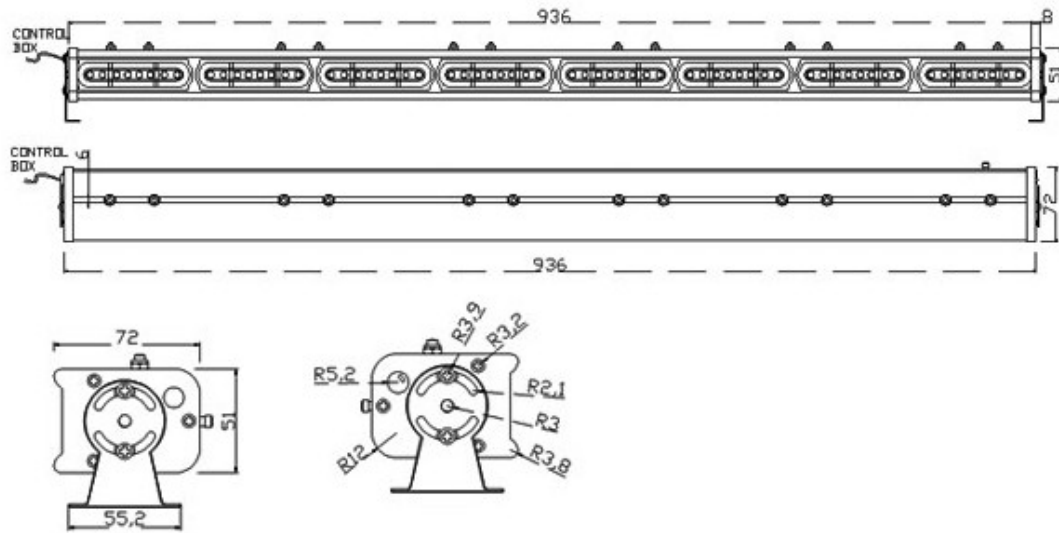
MODEL	LED POWER	LED QTY	LED COLOR	OPERATING VOLTAGE	LENGTH	N.W	PACKING SIZE
MOSS-9800-6	1Watt	48PCS	Available Colors: White/Blue/Red/Amber	DC12V/24V	706mm	0.90kg	740*100*110mm

## MOSS-9800-8

(A/W, B/W, R/W, R/B, A, B, W, R)

36.9"W x 2.9"D x 2"H

### 8-Modular Light Bar



MODEL	LED POWER	LED QTY	LED COLOR	OPERATING VOLTAGE	LENGTH	N.W	PACKING SIZE
MOSS-9800-8	1Watt	64PCS	Available Colors: White/Blue/Red/Amber	DC12V/24V	936mm	1.14kg	980*100*110mm

## MOSS-9117B Series Exterior Light Bars Traffic Advisors

### MOSS-9117B-8A



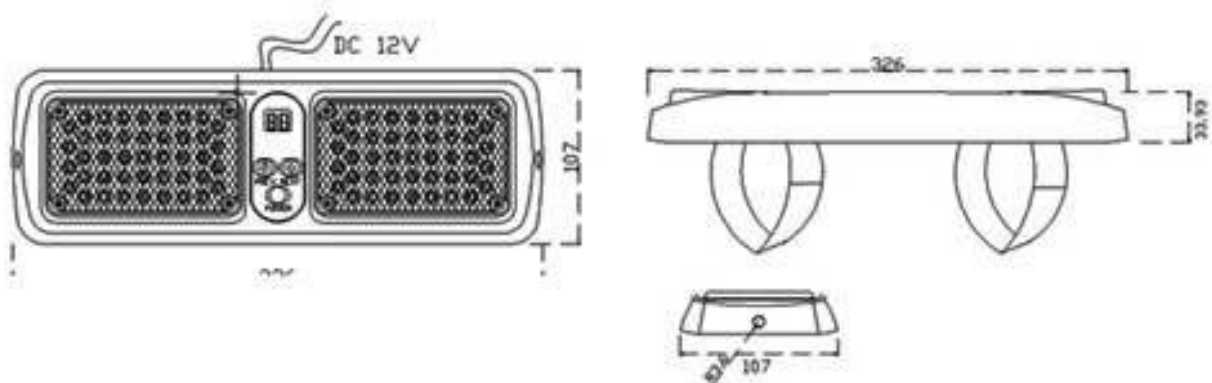
MODEL	LED POWER	LED QTY	LED COLOR	OPERATING VOLTAGE	LENGTH	N.W	PACKING SIZE
MOSS-9117B	1 Watt	48PCS	Available Colors: White/Blue/Red/ Amber	DC12V/24V	880mm	1.86kg	980*85*50mm



## Sun Visor LED Light Panel MOSS-17

(A/W, B/W, R/W, R/B, A, B, W, R)

Visor Clip-On LEDs Folds out of site when not in use.



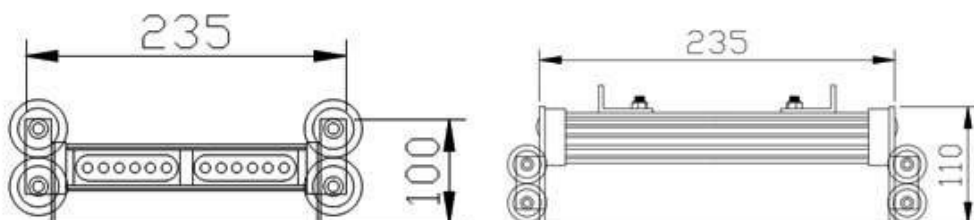
MODEL	POWER	LED POWER	LED QTY	LED COLOR	FLASH PATTERNS	OPERATING VOLTAGE	N.W	PACKING SIZE
MOSS-17	11W	0.50W	86PCS	Available colors: white\red\blue\amber	16 Patterns	DC12V/24V	0.54kg	340*140*45mm

## Windshield Dual Modular Bar

### MOSS-81wb

(A/W, B/W, R/W, R/B, A, B, W, R)

9.25"



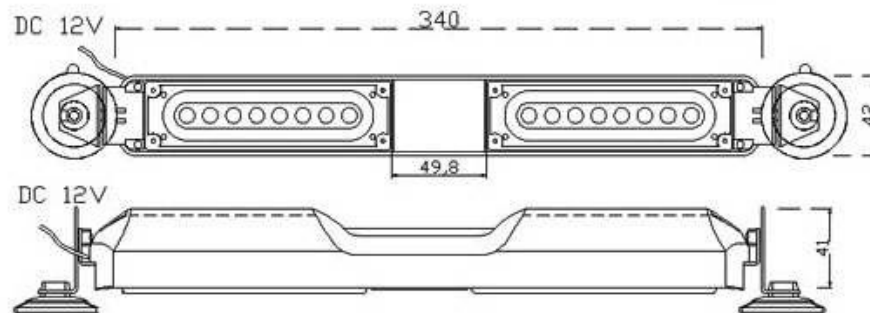
MODEL	POWER	LED POWER	LED QTY	LED COLOR	FLASH PATTERNS	OPERATING VOLTAGE	N.W	PACKING SIZE
MOSS-81WB	12W	1W LEDs	12PCS	Available colors: clear\red\blue\amber	18 Patterns	DC12V/24V	0.75kg	320*175*70mm

## Dual Head Windshield Suction mount LED Light Bar

### MOSS-981

(A/W, B/W, R/W, R/B, A, B, W, R)

13.25"W x 1.5"D x 1.5"H

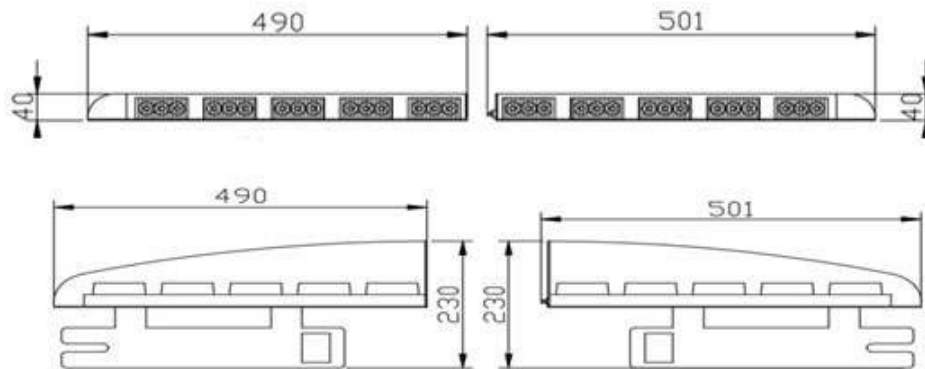


MODEL	POWER	LED POWER	LED QTY	LED COLOR	FLASH PATTERNS	OPERATING VOLTAGE	N.W	PACKING SIZE
MOSS-981	20.4W	1W	16PCS	Available colors: white\red\blue\amber	18 Patterns	DC12V/24V	0.52kg	385*80*45mm



## MOSS-185t

**Dual Visor Mounted LED  
Light Bars  
(A/W, B/W, R/W, R/B,  
A, B, W, R)**

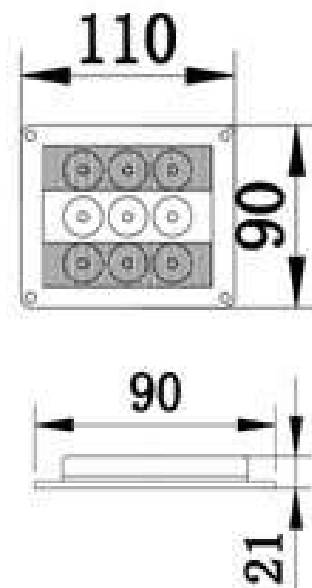


MODEL	POWER	LED POWER	LED QTY	LED COLOR	FLASH PATTERNS	OPERATING VOLTAGE	N.W	PACKING SIZE
MOSS-185T	16.8W	1W	30PCS	Available colors: White\red\blue\amber	29 Patterns	DC12V/24V	1.68kg	520*180*60mm

## Surface Mounted LEDs

### MOSS-212

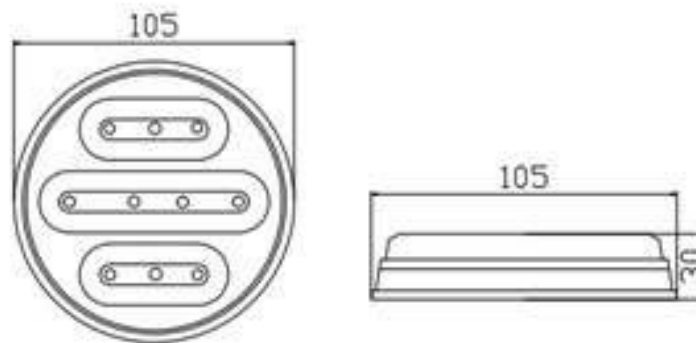
(A/W, B/W, R/W, R/B, A, B, W, R)



MODEL	POWER	LED POWER	LED QTY	LED COLOR	FLASH PATTERNS	OPERATING VOLTAGE	N.W	PACKING SIZE
MOSS-212	9Watts	1Watt	9PCS	Available Colors: White/Blue/Red/Amber	18 patterns	DC12V/24V	0.26kg	120*110*40mm

## MOSS-94

(A/W, B/W, R/W, R/B, A, B, W, R)  
4.1" round



MODEL	LED POWER	LED QTY	LED COLOR	FLASH PATTERNS	OPERATING VOLTAGE	N.W	PACKING SIZE
MOSS-94	3W	10PCS	Available Colors: White/Blue/Red/Amber	18 type	DC12V/24V	0.28kg/0.36kg	135*135*40mm

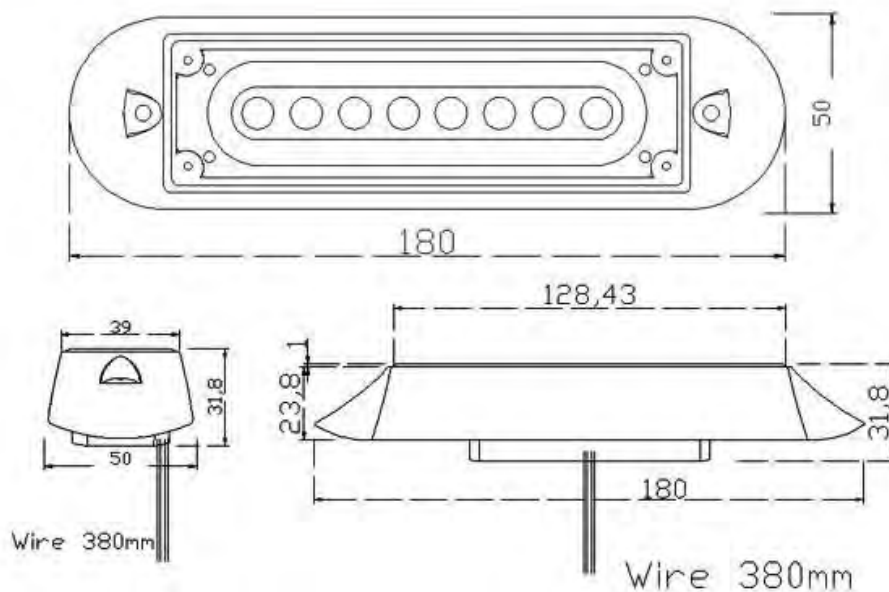
## Surface or Grill Mounted Light Heads

### MOSS-981a

#### 7" Light Head

(A/W, B/W, R/W, R/B, A, B, W,

R) 7"W x 1.25"D x 2"H

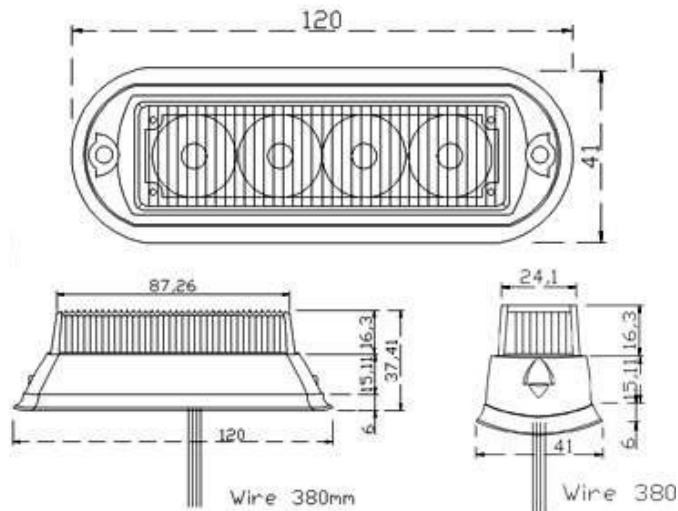
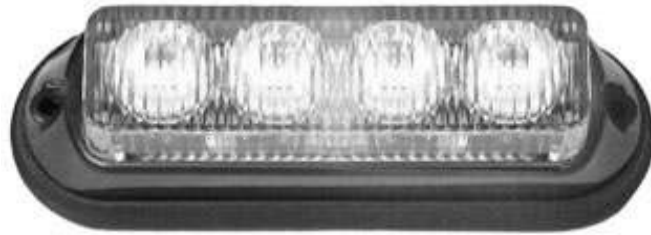


MODEL	LED POWER	LED QTY	LED COLOR	FLASH PATTERNS	OPERATING VOLTAGE	N.W	PACKING SIZE
MOSS-981A	1Watt	8PCS	Available Colors: White/Blue/Red/Amber	18 type	DC12V/24V	0.26kg	60*50*190mm



## MOSS-41

**4.5" Light Head**  
**4.8"W x 1.5"D x 1.5"H**  
**(A/W, B/W, R/W, R/B, A, B, W, R)**

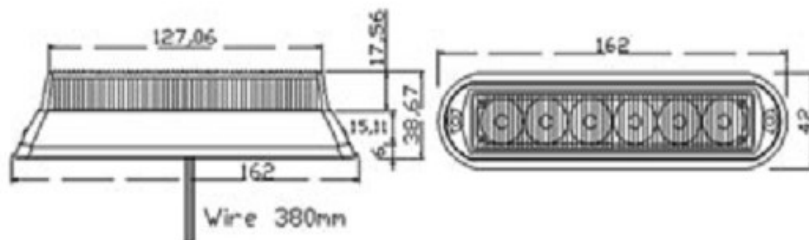


MODEL	LED POWER	LED QTY	LED COLOR	FLASH PATTERNS	OPERATING VOLTAGE	N.W	PACKING SIZE
MOSS-41	1Watt	4PCS	Available Colors: White/Blue/Red/Amber	18 type	DC12V/24V	0.14kg	50*50*125mm

## MOSS-61

(A/W, B/W, R/W, R/B, A, B, W,  
R) 6.5"x 1.5"

### 6.5" Light Head



MODEL	LED POWER	LED QTY	LED COLOR	FLASH PATTERNS	OPERATING VOLTAGE	N.W	PACKING SIZE
MOSS-61	1Watt	6PCS	Available Colors: White/Blue/Red/Amber	18 type	DC12V/24V	0.16kg	60*50*190mm

## MOSS-209

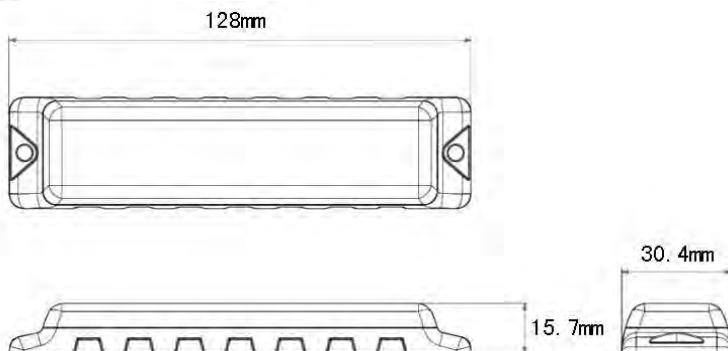
(A/W, B/W, R/W, R/B, A, B, W, R)

**Slim Line 6 LED Light Head**

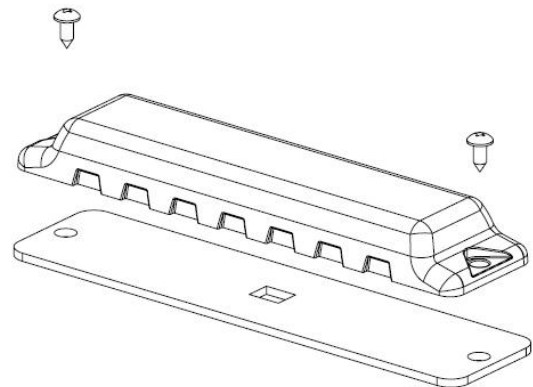
**119mm Long x 43mm Wide x 7mm High**



### DIMENSIONS:



### MOUNTING:



ITEM	POWER	VOLTAGE	LED	COLOR	LENS	FLASH PATTERNS	OPERATING TEMPERATURE	METAL COLOR	MOUNTING
MOSS-209	10W	10-28VDC	8PCS 3W	Amber Blue Red White	Linear lens	18	-30 to 70°C	Black	Surface mount / Bracket mount

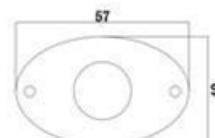
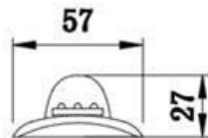
## MOSS-92-8

### LED Hide-A-Way Strobes

(A/W, B/W, R/W, R/B, A, B, W, R)



8-1w LEDs



MODEL	LED POWER	LED QTY	LED COLOR	OPERATING VOLTAGE	FLASH PATTERNS	N.W	PACKING SIZE
MOSS-92-8	3W	6PCS	Available Colors: White/Blue/Red/Amber	DC12V/24V	18 type	0.16kg	120*110*40mm



## Feniex 4200 Mini Controller C-4010



### FEATURES

- 6 programmable momentary or on/off buttons
- Integrated 2 output wigwag function
- 6, 3.5 amp outputs
- Waterproof
- Red LED backlit buttons
- 2 brackets: Surface mount
- Universal compatibility
- All in one controller with integrated relay
- Includes legend sheet
- Short circuit protection
- Over temperature protection
- Dimensions: 4" L x 2.75" W x 0.75" H
- Voltage 12VDC
- Max Current Output: 20A

## Fenixx Emergency Flasher

**H-2220**



### FEATURES

- 4 outputs rated at 5 amps each
- 3 programmable modes
- 40 flash patterns
- Universally compatible with any light head
- Ability to Sync with multiple flashers
- LED flash pattern indicator
- Compatible with Halogen and LED lighting products
- Integrated steady on brake pop feature
- Rugged weather-resistant enclosure

## **Whelen Beta 1 and Beta 112R**



**Beta 1**



**Beta 112R**

## Whelen Beta 1 and Beta 112R

### HANDS-FREE operation

- Cycle through two or three siren tones without taking your hands from the steering wheel.
- BETA112R remote amplifier works with the BETA1 and BETA2 Control Heads (sold separately) or customer supplied switches or slide switch control systems.
- Five siren tones available.
- Use up to four tones: Wail, Yelp, Piercer or High-Low and Air Horn.
- Public Address and Radio Repeat, standard.
- PA over-ride in all functions.
- 100 Watt Output.
- Meets Class A requirements with most 100 watt siren speakers.
- Easy to install. Pre-wired with quick disconnect plugs for easy service and fast replacement.
- Conveniently accessible dip switches on remote amplifier allows instant configuration of popular operating features.
- BETA1 Control Head is pre-drilled for under dash mounting and includes noise canceling microphone.

- INPUT VOLTAGE .....10-16 VDC
- POLARITY.....Negative ground
- POLARITY PROTECTION .....Crowbar Diode / Fuse
- OUTPUT POWER .....100 Watts
- OUTPUT LOAD .....One 11 OHM Speaker
- INPUT CURRENT(OFF) .....0 ma
- INPUT CURRENT(SIREN ON) .....8 amps (max)
- STANDBY CURRENT.....140 ma (max)
- FUSE.....10 amp ATO type
- FUSE MOUNTING .....Inline connector
- OUTPUT SHORT PROTECTION .....Fuse
- HORN / RING CONTROL.....+12VDC or ground
- WEIGHT (BETA1).....1.0 lbs (.45 kg)
- WEIGHT (BETA112R).....2.4 lbs (1.1 kg)
- OPERATING TEMPERATURE .....-30 C TO +60 C
- OPERATING HUMIDITY .....0-95% Non-condensing
- CONNECTOR (BETA REMOTE AMPLIFIER) ....One 6 Pin AMP Mate-N-Lok, with 24 wiring pigtail
- One 9 Pin AMP Mate-N-Lok ,with 24 wiring pigtail.
- CONNECTORS (BETA 1 CONTROL HEAD).....One 12 Pin AMP Mate-N-Lok, with 24 wiring pigtail and a 15 interconnect cable.
- CONNECTORS (BETA 2 CONTROL HEAD).....One 12 Pin AMP Mate-N-Lok, with 20 interconnect cable.
- SIZE - BETA112R .....2 (51mm) H x 4 1/2 (114mm) W x 5 1/2 (140mm) D
- SIZE - BETA1 .....2 3/8 (60mm) H x 7 1/8 (181mm) W x 2 1/2 (64mm) D



## Feniex Typhoon 100W Siren C-5017 Hand Held



### Features

- 6 programmable outputs (3.5A each, 12A total)
- Air horn, park kill, and radio rebroadcast capabilities
- Integrated headlight flasher
- Output types: on/off and momentary
- LED backlit buttons
- Includes: legend sheet and controller cradle

### EQUIPMENT DIMENSIONS



## Feniex Typhoon 100W Siren C-4017 Dash Mount



### Features

- Six programmable light outputs via LED backlit buttons on controller
- Comes with three standard and three programmable siren tones via rotary dial on controller
- Siren output types: on/off and momentary
- Air horn, park kill, and radio rebroadcast capabilities
- Integrated headlight flasher

**INCLUDED  
MICROPHONE**



**6  
PROGRAMMABLE  
BUTTONS**

## Feniex Triton 100W Speaker

### S-2009 Speaker

#### LED Hide-A-Way Strobes



## FEATURES

- Black finish
- 85 degree sound dispersion
- Functions with any existing siren or controller panel
- Included standard L-Shaped bracket
- Designed for 2-way radio systems and emergency and public work vehicles
- 124dB sound output
- Lightweight durable polycarbonate frame
- Compact design to fit behind a grille
- Includes L-Shaped Mounting Bracket
- Rugged weather-resistant enclosure



## SPEAKERS

### MOSS-300-2



300 watt

MODEL:	MOSS-300-2
POWER:	300W
IMPEDANCE:	4Ω, 6Ω, 8Ω
FREQUENCY RANGE:	260—4500HZ
DISTORTION FACTOR:	≤5%
SOUND PRESSURE:	120—130dB
NET WEIGHT:	6.4kg
PACKAGE SIZE:	660*410*320mm



## MOSS-200-1



200 watt

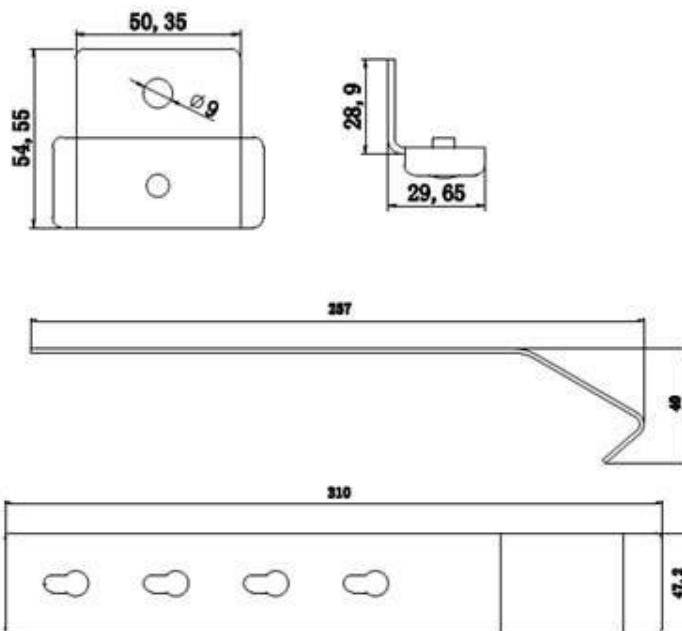
MODEL:	MOSS-200-1
POWER:	200W
IMPEDANCE:	4Ω, 6Ω, 8Ω
FREQUENCY RANGE:	300—4600HZ
DISTORTION FACTOR:	≤5%
SOUND PRESSURE:	120—130dB
NET WEIGHT:	4.25kg
PACKAGE SIZE:	510*420*490mm

## Accessories for lights

### Mounting Brackets

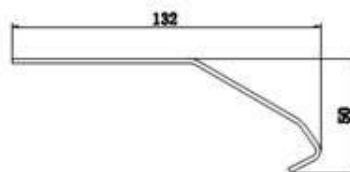
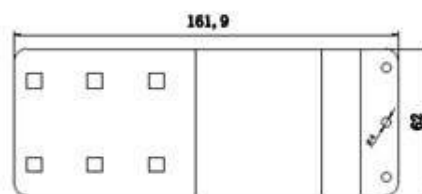
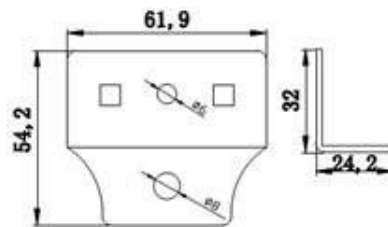
## MOSS-BK-010

Used for mounting on roof light to door rails



## MOSS-BK-014

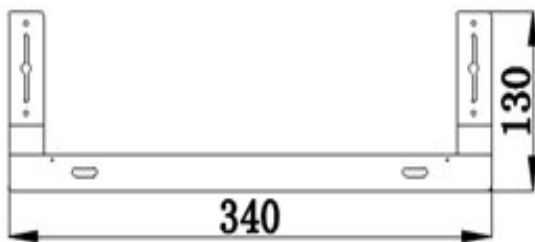
Used for mounting on roof light to door rails.



## License Plate Bracket

### MOSS-BK-016

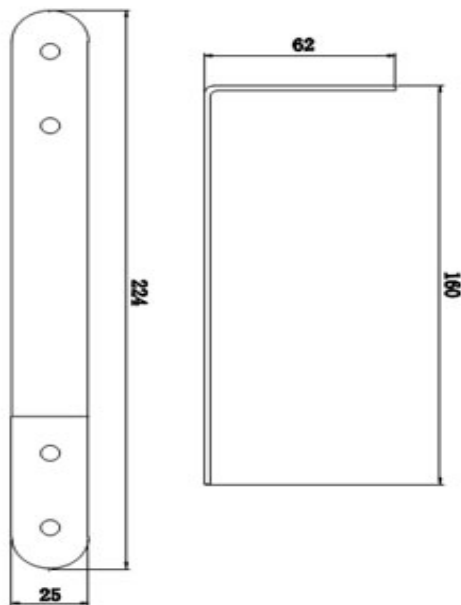
Used for mounting MOSS-41 or 61 Light heads on sides of license plate.





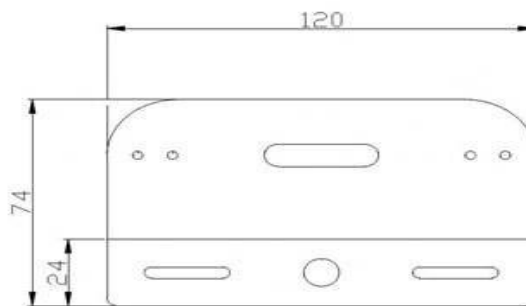
## Universal Mounting Brackets

### **MOSS-BK-015**



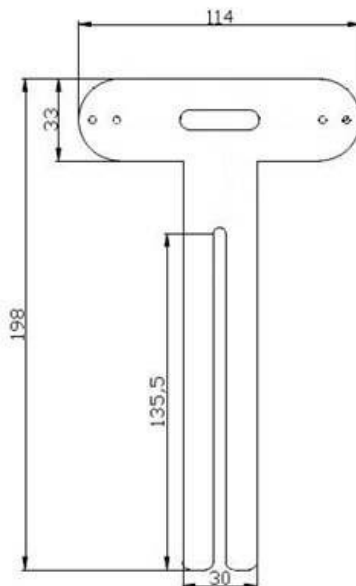
## **MOSS-BK-017**

Used for MOSS-41 Light Head.



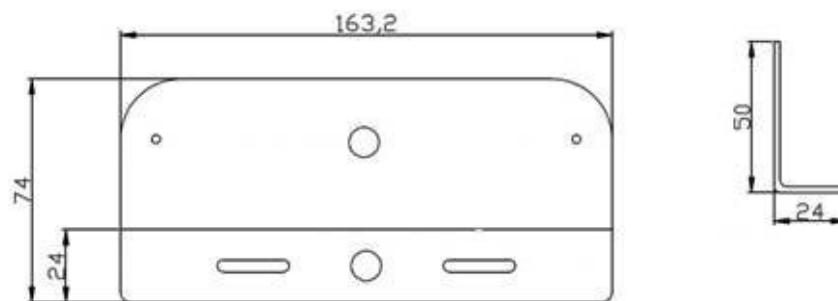
## **MOSS-BK-020**

**(Used for MOSS-41Light Head)**



## **MOSS-BK-023**

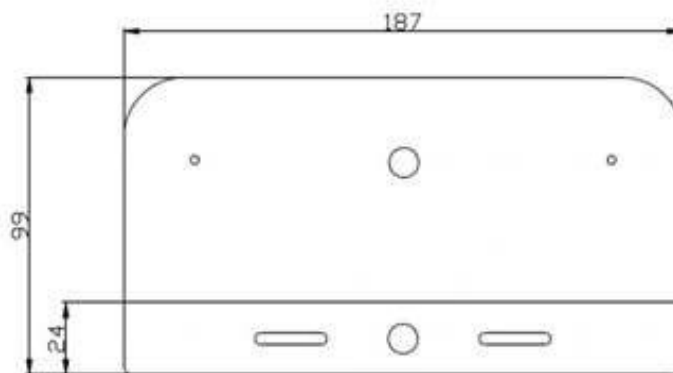
**(Used for MOSS-61 Light Head)**





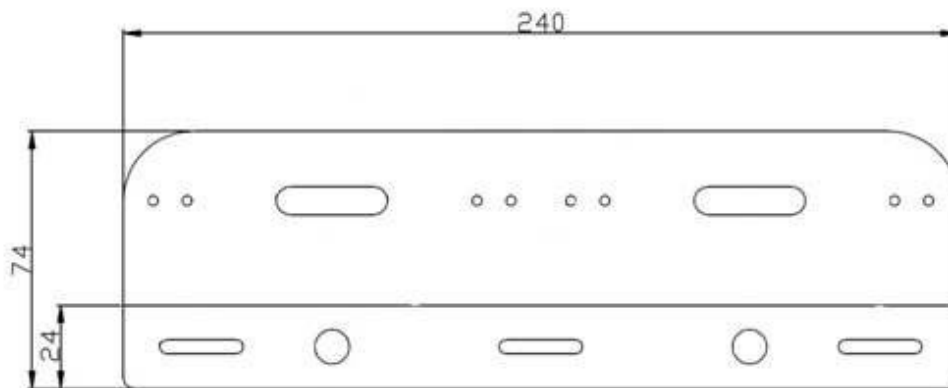
## **MOSS-BK-024**

(Fits MOSS-981a Light Head)



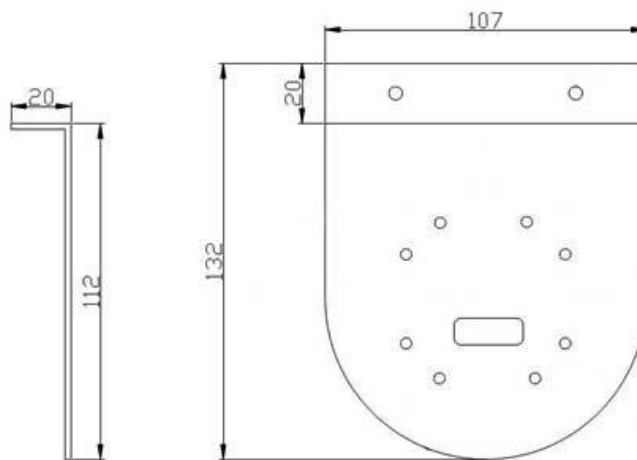
## **MOSS-026**

Holds two MOSS-41 Light heads side by side



## **MOSS-BK-021**

**(Fits MOSS-94 Round Light)**



## MOSS Work Lights:

### MOSS-48WF30D OR MOSS-48WF60D



Beam Angel	Voltage	LED Chip	Output Lumens	Item & Package Sizes
Flood 60 Deg. Spot 30 Deg.	9-32V/DC	16*3W Cree-XBD	3800LM	Size: 125*155*88 mm 2PCS /CTN G.W: 1.7KG ,NW:17kg CTN Size: 57.5*31*24.5CM Cable wire:40cm Waterproof: IP67



## **MOSS-60WN30D OR MOSS-60WN60D**



Beam Angel	Voltage	LED Chip	Output Lumens	Item & Package Sizes
Flood 60 Deg. Spot 30 Deg.	9-32V/DC	6*10W CREE	4500LM	1.7kg/pc, 15kg/ctn ctn size: 44.5*42.5*24.5cm

12" Vehicle Work Light Bar

## LED Hide-A-Way Strobes



**MOSS-BARA1-60W-C**

Beam Angel	Voltage	LED Chip	Output Lumens	Item & Package Sizes
Flood/spot/ comb 12-IN.	9-32V/DC	6X10W CREE	4350LM	Size: 281*64*92mm G.W: 19kg, N.W:18KG CTN Size: 57*34*26.5CM Cable wire:40cm Waterproof: IP67

## MOSS-BARA1-140W-C

24" Vehicle Work Light Bar



Beam Angel	Voltage	LED Chip	Output Lumens	Item & Package Sizes
Flood/spot/ comb 24 IN.	9-32V/DC	14X10W CREE	10100LM	Size: 609*64*92mm G.W: 4.6KG/pcs CTN Size: 78*26*27CM Cable wire:40cm Waterproof: IP67



## INSTALLATION HARDWARE



**BACK TO TOP**



# ***MOVIN' ON GPS***

## **INSTALLATION JOBS**



**Ford F250 SuperDuty XLT**



**Kawasaki Mule**



**Cadillac Escalade**



**Ford F-450**



**Chevy Suburban RST**



**Silverado 3500 HD**



**Chevy Equinox**



**Ford Transit**