

12~24VDC

LP6 LED PAD

R65 6-LED LIGHT HEAD
(Surface Mount)



FEATURES

- ECE R65 Class 1 (XA1, XB1, XR1) certified with 0.28" (6.6mm) super low-profile optic.
- Self-Adhesive backing for quick simple mounting.
- Multi-Voltage Input 12~24VDC.
- Built-in 23 selectable flash patterns.
- LEDs rated to 100,000 hours of operation.
- Non-volatile memory recalls last flash pattern used at power up.
- Multiple units are synchronizable and can flash simultaneously or alternately.
- Reverse polarity protection.
- Weatherproof and vibration resistant design for external or internal use.

SPECIFICATIONS

Compliance: ECE R65 Class 1 (XA1, XB1, XR1)
ECE R10, IP68

LED Elements: High-power LED x 6pcs

No. of Warning Patterns: 23

Operating Voltage: 12~24VDC

Avg. Current: 0.45A @12VDC / 0.225A @24VDC
(varies with flash pattern)

Max. Current: 0.9A @12VDC / 0.45A @24VDC

Avg. Power: 5.4W (varies with flash pattern)

Max. Power: 10.8W

Wires: White Vcc : 20cm (24AWG)
Black-GND : 20cm (24AWG)
Brown-Flash Patterns & Sync : 20cm (24AWG)

Fuse Rating: 1A

Synchronization: 15 units

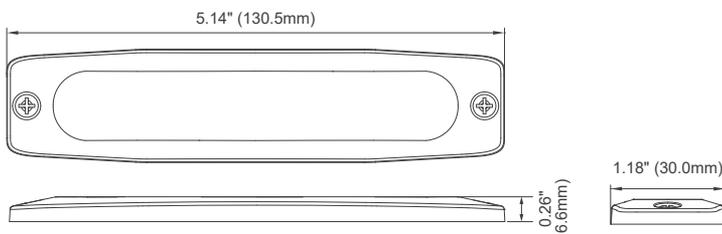
LED Colour: Amber, Blue, Red

Lens Colour: Clear

Storage Temp.: -40°C to +75°C

Working Temp.: -30°C to +65°C

DIMENSIONS



FLASH PATTERN

Flash Patterns				
1	Single	[2Hz]	13	Single H/L (split)
2	Double	[2Hz]	14	Single [SAE]
3	Triple	[2Hz]	15	Double [SAE]
4	Quad	[2Hz]	16	Quad [SAE]
5	Random		17	Quint [SAE]
6	Single	(split)	18	Mega
7	Double	(split)	19	Ultra [SAE]
8	Quad	(split)	20	Single-Quad
9	Quint	(split)	21	Single H/L
10	Mega	(split)	22	Steady Half
11	Ultra	(split)	23	Steady All
12	Single-Quad	(split)		

*SPLIT=Left alternate Right

*ALL = Simultaneous

PART NO.

- M045-0033A-000 (ECE R65, Amber)
- M045-0033B-000 (ECE R65, Blue)
- M045-0033R-000 (ECE R65, Red)

ACCESSORIES

- 99-M045M00-000
L-BRACKET SINGLE HEAD



Surface Mount

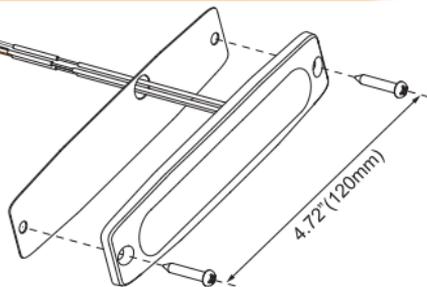
To +VDC (fuse @ 1A)..... **WHITE**

To Chassis Ground..... **BLACK**

For Synchronization:..... **BROWN**

Connect **BROWN** wires of all heads together for synchronization.

(all heads should be set at the same flash pattern)



NOTE: When using adhesive mount, ensure that the mounting surface is clean, dry and well unified before mounting.

For Simultaneous or Alternating Flash:

1. Apply +VDC to **WHITE** and **BROWN** wires simultaneously to enter Grouping mode; the lighthead will display short (single or double) flashes:
 - Single flash = Group1
 - Double flash = Group2
2. Remove **BROWN** wire from +VDC and momentarily apply to +VDC to change Group:
 - Heads of the same Group flash together.
 - Group1 heads alternate with Group2 heads.

For Flash Patterns:

Momentarily apply +VDC to **BROWN** wire:

- once for next pattern
- quick three times for pattern 1

NOTE: This unit may not be factory-set at FP#1.

FP#	Flash Patterns		
1	Single	[2Hz]	13 Single H/L (Split)
2	Double	[2Hz]	14 Single [SAE]
3	Triple	[2Hz]	15 Double [SAE]
4	Quad	[2Hz]	16 Quad [SAE]
5	Random		17 Quint [SAE]
6	Single (Split)		18 Mega
7	Double (Split)		19 Ultra [SAE]
8	Quad (Split)		20 Single-Quad
9	Quint (Split)		21 Single H/L
10	Mega (Split)		22 Steady Half
11	Ultra (Split)		23 Steady All
12	Single-Quad (Split)		

*Split = Left alternating Right

⚠ CAUTION

Overtightening the mounting screws could damage the lighthead and void the warranty. Use an in-lb torque wrench, tighten the mounting screws with the suggested range of torque value: For #6 mounting screws - 6 to 7.8 in-lbs.