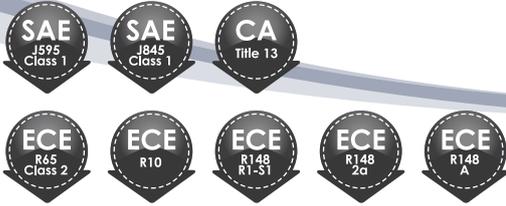
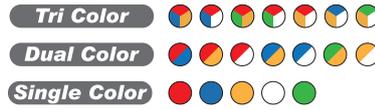


12~24VDC

MSP15HM

MS Prime 15 Halo-Max

Dual-row Multi-function Combo Warning Light



FEATURES

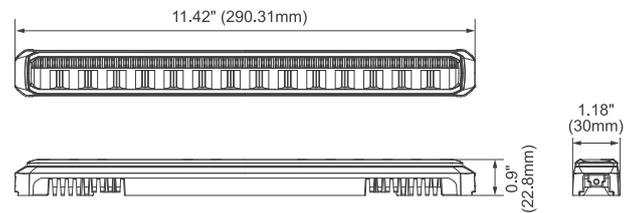
- Dual-row Multi-functional combo warning light with bottom high power warning light and top functional steady-burn light.
- Independent controlled, multi-purposed Top Halo-Stripe may be used as a Tail/Brake lamp, a Position Lamp.
- Extra length profile, idea for installation in lieu of multiple lighthead
- 5 independent warning memories for varies possible usage.
- Sequential flashing pattern for traffic arrow stick usage.
- 3-ways mounting methods (Surface bracket, L-bracket, Bail-bracket) for versatile applications.
- SAE Class 1 and ECE R65 Class 2 certified high power warning output.
- Available in Single / Dual / Tri Color models.
- ECE R10 EMC Compliance and meet CISPR 25 Class 3.
- Multi-unit synchronization in simultaneous or alternating flash.
- Reverse polarity protection.
- Weatherproof and vibration resistant design for external use.
- Aluminium base for efficient heat dissipation and maximum durability.

SPECIFICATIONS

- Compliance:** ECE R10; CISPR 25 Class 3; IPX7;
(Bottom Row) SAE J595 Class 1; SAE J845 Class 1; CA13;
 ECE R65 Class 2 (Amber, Blue, Red);
 ECE R148 2a (Amber)
(Halo-Stripe) ECE R148 R1-S1 (Tail/Brake Lamp - Red);
 ECE R148 A (Front Position Lamp - White);
- LED Element: (Bottom Row)** High-power LED x 15 pcs (Single Color);
 High-power LED x 30 pcs (Dual Color);
 High-power LED x 45 pcs (TriColor);
(Halo-Stripe) Medium-Power LED x 30 pcs
- No. of Warning Patterns:** 47
Operating Voltage: 12~24VDC
Avg. Current: 0.94A @12VDC, 0.47A @24VDC
Max. Current: 1.87A @12VDC, 0.94A @24VDC
Avg. Power: 11.25W **Max. Power:** 22.5W
Wires: Black - GND (18AWG)
 White - **(Halo-Stripe)** Steady-burn Low Power (24AWG)
 Brown - **(Halo-Stripe)** Steady-burn High Power (24AWG)
 Red - **(Bottom Row)** Warning Mode 1 (18AWG)
 Orange - **(Bottom Row)** Warning Mode 2 (24AWG)
 Red+Orange- **(Bottom Row)** Warning Mode 3
 Green - **(Bottom Row)** Warning Mode 4 (24AWG)
 Blue - **(Bottom Row)** Warning Mode 5 or Low Power (24AWG)
 Yellow - Flash Pattern & Sync (24AWG)

- Wires Length:** 120cm
Synchronization: up to 20 units
LED Color: Amber, Blue, Green, Red, White
Lens Color: Clear
Storage Temp.: -40°C to +75°C
Working Temp.: -40°C to +65°C

DIMENSIONS



PART NO.

- **M088-x11ya-000** (Single Color, Screw Mounted Accessories)
- **M088-x12ya-000** (Single Color, Bail + Screw Mounted Accessories)
- **M088-x21yb-000** (Dual Color, Screw Mounted Accessories)
- **M088-x22yb-000** (Dual Color, Bail + Screw Mounted Accessories)
- **M088-x31yc-000** (Tri Color, Screw Mounted Accessories)
- **M088-x32yc-000** (Tri Color, Bail + Screw Mounted Accessories)

Replace x for Approval:
 4 = SAE
 5 = ECE

Replace y for Halo-Stripe color:
 A = Amber Halo-Stripe
 R = Red Halo-Stripe
 W = White Halo-Stripe

Replace a for Single color:
 A = Amber
 B = Blue
 G = Green*
 R = Red
 W = White

Replace b for dual color:
 K = Amber / White
 D = Blue / Amber
 T = Blue / White
 J = Red / Amber
 Q = Red / Blue
 U = Red / White
 M = Green / Amber*

Replace c for Tri color:
 6 = Blue / Amber / White
 5 = Red / Amber / White
 1 = Red / Blue / Amber
 2 = Red / Blue / White
 3 = Red / Green / Amber
 4 = Red / Green / White
 7 = Amber / Green / White *
 *MOQ = 50pcs

ACCESSORIES

A007-00030-000
 (BlinkCast Programmer)



<< Website

Rev.240131 © 2024 Juluen

JULUEN

12VDC

MSP15HM

MS Prime 15 Halo-Max

Dual-row Multi-function Combo Warning Light



FEATURES

- Dual-row Multi-functional combo warning light with bottom high power warning light and top functional steady-burn light.
- Independent controlled, multi-purposed Top Halo-Stripe may be used as a Tail/Brake lamp, a Position Lamp, or a Side Marker Lamp.
- Extra length profile, idea for installation in lieu of multiple lighthead
- 5 independent warning memories for varies possible usage.
- Sequential flashing pattern for traffic arrow stick usage.
- 3-ways mounting methods (Surface bracket, L-bracket, Bail-bracket) for versatile applications.
- SAE Class 1 certified high power warning output.
- Available in Single / Dual / Tri Color models.
- Meet CISPR 25 Class 3.
- Multi-unit synchronization in simultaneous or alternating flash.
- Reverse polarity protection.
- Weatherproof and vibration resistant design for external use.
- Aluminium base for efficient heat dissipation and maximum durability.

SPECIFICATIONS

Compliance: CISPR 25 Class 3; IPX7;

(Bottom Row) SAE J595 Class 1; SAE J845 Class 1; CA13

LED Element: (Bottom Row) High-power LED x 15 pcs (Single Color);
High-power LED x 30 pcs (Dual Color);
High-power LED x 45 pcs (TriColor);

(Halo-Stripe) Medium-Power LED x 30 pcs

No. of Warning Patterns: 47

Operating Voltage: 12VDC

Avg. Current: 0.94A **Max. Current:** 1.87A @12VDC

Avg. Power: 11.25W **Max. Power:** 22.5W

Wires: Black - GND (18AWG)

White - **(Halo-Stripe)** Steady-burn Low Power (24AWG)

Brown - **(Halo-Stripe)** Steady-burn High Power (24AWG)

Red - **(Bottom Row)** Warning Mode 1 (18AWG)

Orange - **(Bottom Row)** Warning Mode 2 (24AWG)

Red+Orange- **(Bottom Row)** Warning Mode 3

Green - **(Bottom Row)** Warning Mode 4 (24AWG)

Blue - **(Bottom Row)** Warning Mode 5 or Low Power (24AWG)

Yellow - Flash Pattern & Sync (24AWG)

Wires Length: 120cm

Synchronization: up to 20 units

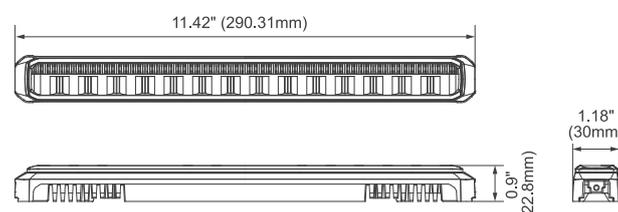
LED Color: Amber, Blue, Green, Red, White

Lens Color: Clear

Storage Temp.: -40°C to +75°C

Working Temp.: -40°C to +65°C

DIMENSIONS



PART NO.

- **M088-x11ya-000** (Single Color, Screw Mounted Accessories)
- **M088-x12ya-000** (Single Color, Bail + Screw Mounted Accessories)
- **M088-x21yb-000** (Dual Color, Screw Mounted Accessories)
- **M088-x22yb-000** (Dual Color, Bail + Screw Mounted Accessories)
- **M088-x31yc-000** (Tri Color, Screw Mounted Accessories)
- **M088-x32yc-000** (Tri Color, Bail + Screw Mounted Accessories)

Replace x for Approval:
1 = SAE

Replace y for Halo-Stripe color:

A = Amber Halo-Stripe
R = Red Halo-Stripe
W = White Halo-Stripe

Replace a for Single color:

A = Amber
B = Blue
G = Green*
R = Red
W = White

Replace b for dual color:

K = Amber / White
D = Blue / Amber
T = Blue / White
J = Red / Amber
Q = Red / Blue
U = Red / White
M = Green / Amber*

Replace c for Tri color:

6 = Blue / Amber / White
5 = Red / Amber / White
1 = Red / Blue / Amber
2 = Red / Blue / White
3 = Red / Green / Amber
4 = Red / Green / White
7 = Amber / Green / White*
*MOQ = 50pcs

ACCESSORIES

A007-00030-000
(BlinkCast Programmer)



<< Website

Rev.240131 © 2024 Juluen

JULUEN

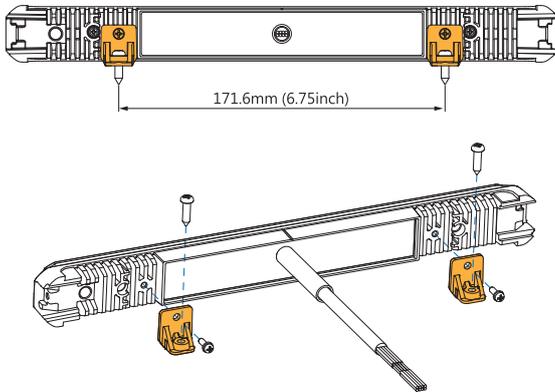
FLASH PATTERN

FP#	Flash Pattern	Available Color Mode	Remark	FP#	Flash Pattern	Available Color Mode	Remark
1	Double [2HZ]	S / D / T		25	Steady Mid	S / D / T	
2	Single [2HZ]	S / D / T		26	MINI TA RIGHT	S / D / T	
3	Triple [2HZ]	S / D / T		27	MINI TA RIGHT SOLID	S / D / T	
4	Quad [2HZ]	S / D / T		28	MINI TA RIGHT SWEEP - Left Side of a pair	S / D / T	When using as a pair of units
5	Random	S / D / T		29	MINI TA RIGHT SOLID - Left Side of a pair	S / D / T	When using as a pair of units
6	Steady EF	S / D / T	For use with an external flash controller	30	MINI TA RIGHT SWEEP - Right Side of a pair	S / D / T	When using as a pair of units
7	Single [SAE/CA13]	S / D / T		31	MINI TA RIGHT SOLID - Right Side of a pair	S / D / T	When using as a pair of units
8	Double [SAE]	S / D / T		32	Steady Low	S / D / T	
9	Triple [SAE]	S / D / T		33	MINI TA CENTER-OUT	S / D / T	
10	Quad [SAE]	S / D / T		34	MINI TA CENTER-OUT SOLID	S / D / T	
11	Quint [SAE]	S / D / T		35	Steady Cruise	S / D / T	
12	Mega	S / D / T		36	Sweep Single TA	S / D / T	
13	Giga	S / D / T		37	Turn Indicator [ECE Amber / SAE Red]	S / D / T	For use with an Intermittent flash signal with OFF delay
14	Ultra [SAE]	S / D / T		38	Turn Indicator [SAE Amber]	S / D / T	For use with an Intermittent flash signal with OFF delay
15	Single-Quad	S / D / T		39	OFF	S / D / T	
16	Single H/L	S / D / T		40	Single-Single	D	
17	Single-Triple-Quint	S / D / T		41	Double-Double	D	
18	Steady High	S / D / T		42	Triple-Triple Mid	D	
19	MINI TA LEFT SWEEP	S / D / T		43	Triple-Triple Fast	D	
20	MINI TA LEFT SOLID	S / D / T		44	Quint-Triple	D	
21	MINI TA LEFT SWEEP - Left Side of a pair	S / D / T	When using as a pair of units	45	7-1 Flash	D	
22	MINI TA LEFT SOLID - Left Side of a pair	S / D / T	When using as a pair of units	46	Quad-Single	D	
23	MINI TA LEFT SWEEP - Right Side of a pair	S / D / T	When using as a pair of units	47	Quint-Quint	D	
24	MINI TA LEFT SOLID - Right Side of a pair	S / D / T	When using as a pair of units				

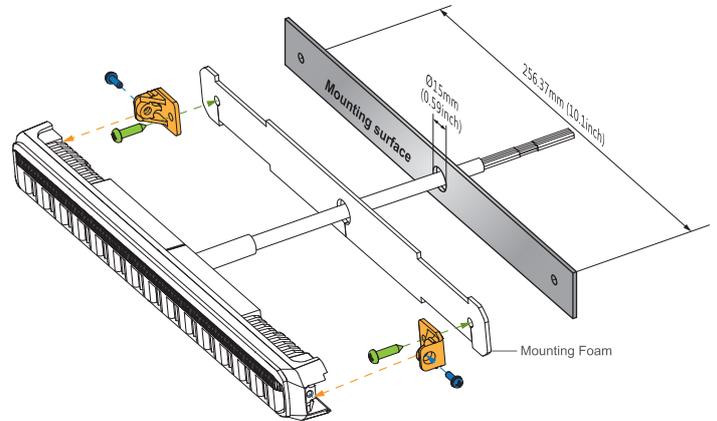
S = Single Color D = Dual Color T = Tri Color

MOUNTING EXAMPLE

L-Bracket Surface Mount



Surface Mount



Bail (U-Bracket) Mount

