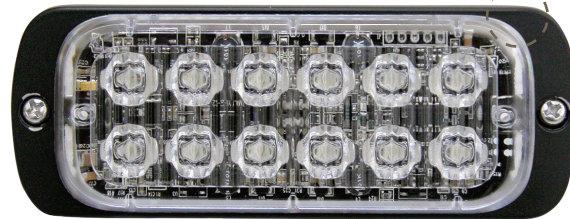12~24DC

ST26 *Super Thin*

12-LED Directional Warning Lamp (Surface Mount)

ECE R65   ECE R10   SAE Class1

9mm
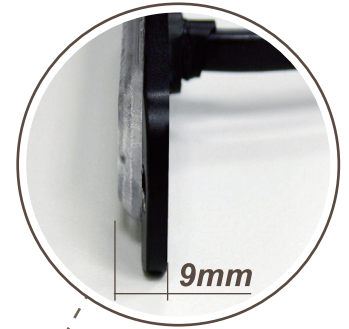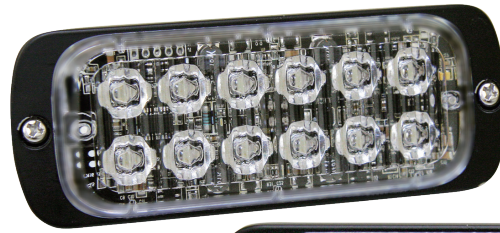
FEATURES

- 0.35" (9mm) Super low-profile thickness.
- Multi-Voltage Input 12~24VDC
- Built-in 25 selectable flash patterns
- LEDs rated to 100,000 hours of operation.
- Non-volatile memory recalls last flash pattern used at power up.
- Multi-units synchronization in simultaneous or alternating flash.
- Reverse polarity protection.
- Weatherproof and vibration resistant design for internal or external use.
- Aluminum base for heat dissipation.

SPECIFICATIONS

Meets: SAE J595 Class 1(R,A,B,W) ;
         ECE R65 Class 2(A,B) ; ECE R10
Bulb: High-power LED x 12pcs
Warning Patterns: 25 Flash Patterns
Operating Voltage: 12~24VDC
Avg. Current: 0.78A @12VDC / 0.39A @24VDC
             (varies with flash pattern)
Avg. Power: 9.25 Watts (varies with flash pattern)
Max. Current: 1.56A @12VDC / 0.78A @24VDC
Max. Power: 18.5 Watts
Wires: Red-Vcc : 25cm (20AWG)
           Black-GND : 25cm (20AWG)
           Yellow-Flash Patterns & Sync : 25cm (20AWG)
           White-Low Power : 25cm (20AWG)
Fuse Recommended: 3A
Multi-Unit Synchronization: Over 15 units
Available in: RED, BLUE, AMBER, WHITE

DIMENSIONS

4.5"(114.6mm)
4.1"(104mm)
1.71"(43.4mm)
0.35" (9mm)
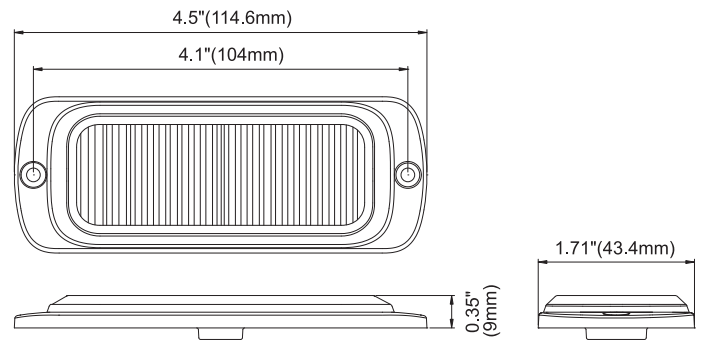
PART NO.

-1603-300586 amber   -1603-300588 red
-1603-300587 blue   -1603-300626 white

FLASH PATTERN

FP#	Flash Patterns		
1	Double [R65]	14	Single (all) [SAE]
2	Single [2Hz]	15	Double (all) [SAE]
3	Triple [2Hz]	16	Quad (all) [SAE]
4	Quad [2Hz]	17	Quint (all) [SAE]
5	Random	18	Mega (all)
6	Single (split)	19	Ultra (all) [SAE]
7	Double (split)	20	Single-Quad (all)
8	Quad (split)	21	Single H/L (all)
9	Quint (split)	22	Steady half
10	Mega (split)	23	Steady all
11	Ultra (split)	24	Rotate Slow
12	Single-Quad (split)	25	Rotate Fast
13	Single H/L (split)		

*split=Left alternating Right   *all=all LEDs on

STARTAX

12LED LIGHTHEAD MANUAL

WIRING

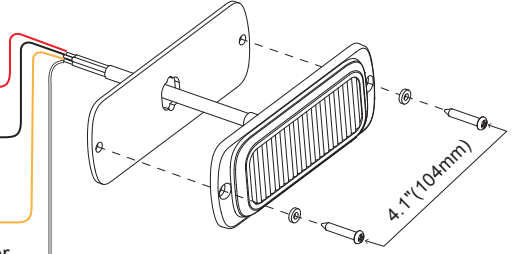To + VDC (fuse @ 3A):............**RED**

To -Chassis Ground:...........**BLACK**

For Synchronization &
Flash Patterns:.................**YELLOW**

Connect **YELLOW** wires of multiple lightheads together for synchronization(All heads should be set at the same Flash Pattern)

For Low Power:................... WHITE

Connect WHITE wires to +VDC continuously for low power operation

OPERATION

For Simultaneous/Alternating Flash and Split Flash Mode:

1. Apply +VDC to **RED** and **YELLOW** wires simultaneously to enter Mode Setting; lighthead will display its current:
   · Split Flash Mode

#1 & #2 Top-Down   **#3 & #4 Left-Right**   **#5 & #6 Criss-Cross**

· and Group in short (single or double) flashes:
  Single flash = Group1
  Double flash = Group2

2. Remove **YELLOW** wire from +VDC then momentarily apply +VDC to change to the desired Flash Mode and Group:
   · Heads of the same Group will flash together.
   · Heads of different Groups will flash alternately.

3. Save and exit Mode Setting by powering off the lighthead.

For Flash Patterns:

Momentarily apply +VDC to **YELLOW** wire:
  · once for next pattern
  · quick three times for FP#1

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

#	FLASH MODES	GROUP
1	Top-Down (default)	Group1
2	Top-Down	Group2
3	Left-Right	Group1
4	Left-Right	Group2
5	Criss-Cross	Group1
6	Criss-Cross	Group2

#	Flash Patterns		
1	Double [R65]	14	Single (all) [SAE][CA13]
2	Single [2Hz]	15	Double (all) [SAE]
3	Triple [2Hz]	16	Quad (all) [SAE]
4	Quad [2Hz]	17	Quint (all) [SAE]
5	Random	18	Mega (all)
6	Single (split)	19	Ultra (all) [SAE]
7	Double (split)	20	Single-Quad (all)
8	Quad (split)	21	Single H/L (all)
9	Quint (split)	22	Steady Half [California]
10	Mega (split)	23	Steady (all)
11	Ultra (split)	24	Rotator Slow
12	Single-Quad (split)	25	Rotator Fast
13	Single H/L (split)		

*Split = as Split Flash Mode *All = all LEDs simultaneously