



# OV9

## 9 LED CORNER WARNING LIGHTHEAD



### FEATURES

- Expanded visibility: 180 degree spread of light with single unit; installing a pair or two (in a correct set-up) for a 270 or 360 degree warning coverage.
- Super low profile & compact design: ideal for vehicle that is not possible for lightbar installation.
- 4 units offer a full 360 degree warning coverage approved to ECE R65, Cat. T Class 2 (Blue), Class 1 (Amber).
- 2 units offer a 270 degree warning coverage approved to ECE R65, Cat. HT Class 2 (Blue), Class 1 (Amber).
- 1 unit offer a 180 degree warning coverage exceed SAE J845 Class 1.
- Versatile installation w/ Mini L-bracket.
- Available in clear or colored lens (Blue and Amber).
- Dual memories for Cruise Mode or different flash patterns.
- Multi-Voltage Input 12~24VDC.
- Multi-units synchronization in simultaneous or alternating flash.
- Reverse polarity protection.
- Weatherproof and vibration resistant design for external or internal use.
- ECE R65 TR2 & HTR2 Certification will be applied upon request.

### SPECIFICATIONS

#### Compliance:

SAE J845 Class 1 (180° Amber, Blue, Red; 170° White), Class 3 (Green);  
ECE R65 Cat. T Class 2 (Blue), Class 1 (Amber);  
ECE R65 Cat. HT Class 2 (Blue), Class 1 (Amber);  
ECE R10; IPX7

**LED Elements:** High-power LED x 9 pcs

**No. of Warning Patterns:** 18

**Operating Voltage:** 12~24VDC

**Avg. Current:** 0.79A @12VDC / 0.395A @24VDC  
(varies with flash pattern)

**Max. Current:** 1.58A @12VDC / 0.79A @24VDC

**Avg. Power:** 9.48 Watt (varies with flash pattern)

**Max. Power:** 18.96Watt

**Wires:** Black - GND: 120cm (20AWG)  
Red - Warning Mode 1: 120cm (20AWG)  
White - Warning Mode 2: 120cm (20AWG)  
Yellow - Flash Patterns & Sync: 120cm (20AWG)

**Fuse Rating:** 3A

**Synchronization:** up to 20 units

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

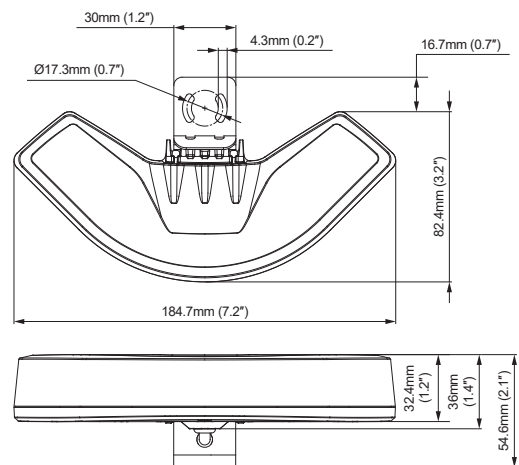
**Lens Color:** Blue, Amber, or Clear

**Storage Temp.:** -40°C to +75°C

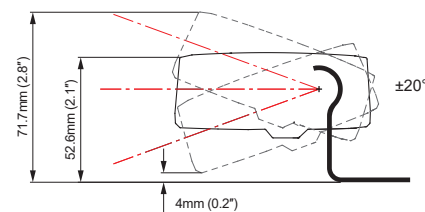
**Working Temp.:** -40°C to +60°C

### DIMENSIONS

#### w/ Mini L-bracket



#### Adjustable Angle



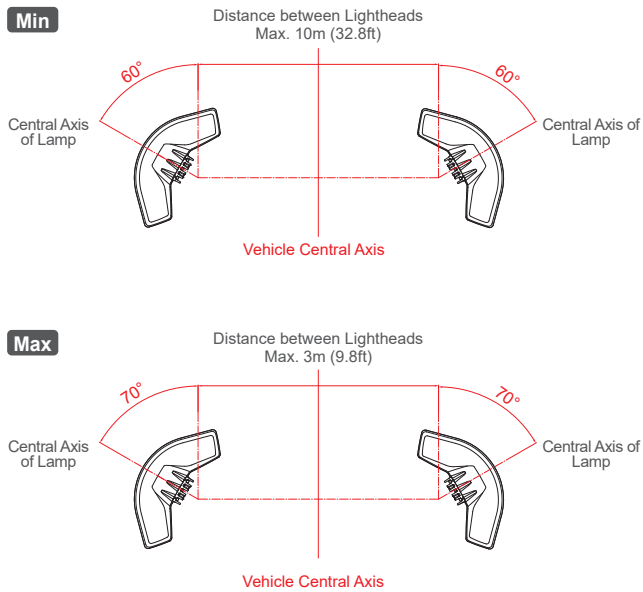
### FLASH PATTERN

FP#	Flash Pattern			
1	Double	[2Hz]	10	Quad [SAE]
2	Single	[2Hz]	11	Quint [SAE]
3	Triple	[2Hz]	12	Mega
4	Quad	[2Hz]	13	Giga
5	Random		14	Ultra [SAE]
6	Steady EF*		15	Single-Quad
7	Single	[SAE/CA13]	16	Single H/L
8	Double	[SAE]	17	Single-Triple-Quint
9	Triple	[SAE]	18	Steady Scene (Cruise Mode)

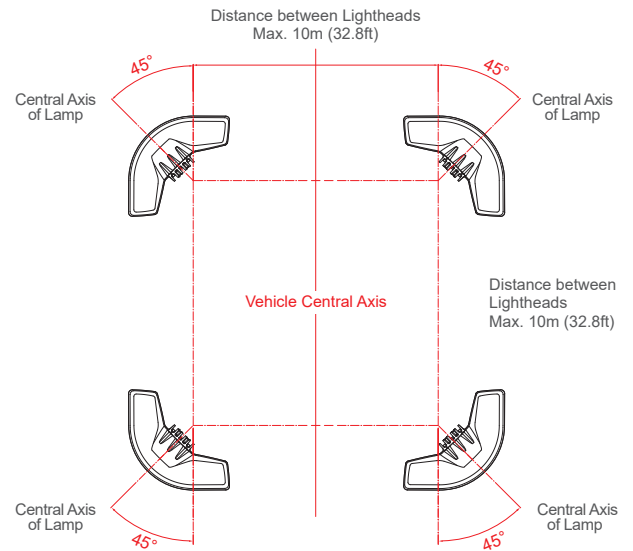
\* For use with external flash controller.

## APPROVED MOUNTING POSITION

**Category 'HT' - 270° Warning Coverage**  
(One Pair of Units at the Front or Rear of Vehicle)



**Category 'T' - 360° Warning Coverage**  
(Four Units Mounted on the Vehicle)



## PART NO.

- **02220055** (Red LEDs, Red Lens - 1 Unit)
- **02220062** (Amber LEDs, Amber Lens - 2 Units)
- **02220086** (Amber LEDs, Clear Lens - 2 Units)
- **02220079** (Blue LEDs, Blue Lens - 2 Units)
- **02220093** (Blue LEDs, Clear Lens - 2 Units)

\* Actual approval is based on the mounting & configuration.

## ACCESSORIES

- **02220116**  
L-Bracket Double Stack

