



# THREESIXTY

A NEW LIGHT ON SAFETY



## **FEDERAL SIGNAL'S RANGE OF POWERFUL ENERGY SAVING BEACONS THE TREESIXTY SERIES PROVIDES A NEW LIGHT ON SAFETY**

A complete range of beacons to meet all vehicle and materials handling warning light requirements. The THREESIXTY Series beacons are available in 3 light sources: Halogen Rotator, Strobe or Latest Generation LED. Manufactured for ease of installation and long life these Superior Warning Lights combine light weight and rigidity with low energy consumption features in Strobe and LED.

The Extra Large THREESIXTY beacons are certified for road vehicle use and specifically meet the requirements of larger vehicles, plant and agricultural vehicles. All our Vehicle Beacons are manufactured with high strength optically engineered polycarbonate domes that have no dark spots or shadows and meet or exceed European and International Standards for Light Output and Electromagnetic interference. (R65, SAE, E11 & e11).

**The standard shaped beacons are available in Permanent and Magnetic mount while the high profile ball beacons are available in Din & Flexible Din mounts.**

### **HALOGEN MODEL**

The optically crafted and highly polished parabolic reflector focuses the halogen light to create an exceptional noticeable warning signal. The efficient rotator produces 140 flashes per minute giving full 360 degree of light.

### **STROBE MODEL**

The Bi-tension power supply along with the internal transparent fresnel lens and the optically crafted outer dome combine to provide R65 light output at the lowest possible energy consumption level. A flash rate of 120 per minute ensures that this beacon delivers an attention getting high output signal day or night.

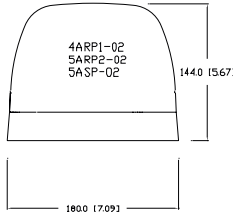
### **LED MODEL**

With a powerful solid state light source and encapsulated digital circuitry combined with advanced optically engineered dome our LED beacons meet or exceed UN R65 & SAE standards. All LED Beacons are Dual Voltage.

#### **Standard Features**

UN R65 HOMOLOGATION	SAE
EMC 2004/04/CE	12VDC, 24VDC & BI TENSION MODELS
POLYCARBONATE DURABLE CONSTRUCTION	2 YEAR WARRANTY ON HALOGEN & STROBE
5 YEAR WARRANTY ON LED	ADVANCED OPTICAL ENGINEERING
LOW ENERGY CONSUMPTION	CABLE ATTACHED



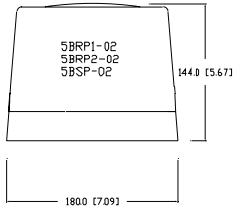


### TYPE A ROTATOR HALOGEN

With a larger footprint and profile our Large Beacons are suited to the larger vehicle. This larger size combined with a new optically crafted parabolic reflector, produces shadowless warning light through 360 degrees.

**5ARP1-02** Permanent Mount 12vDC  
**5ARM1-02** Magnetic Mount 12vDC

**5ARP2-02** Permanent mount 24vDC  
**5ARM2-02** Magnetic Mount 24vDC

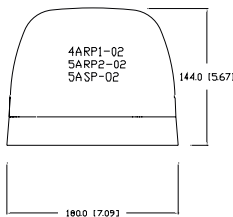


### TYPE B ROTATOR HALOGEN

The same technology and size of our Type A Rotator but with a flatter dome to suit differing styles.

**5BRP1-02** Permanent Mount 12vDC  
**5BRM1-02** Magnetic Mount 12vDC

**5BRP2-02** Permanent mount 24vDC  
**5BRM2-02** Magnetic Mount 24vDC

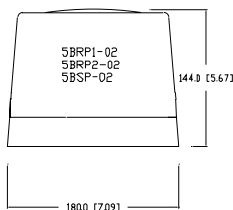


### TYPE A STROBE

Even in this larger beacon our exceptional new technology allows us to provide 120fpm meeting all European and International standards whilst using the minimum amount of power and energy.

**5ASP-02** Permanent Mount 12-24vDC

**5ASM-02** Magnetic Mount 12-24vDC

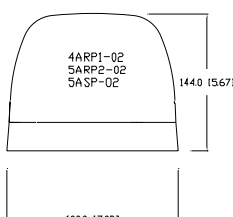


### TYPE B STROBE

The same footprint and exceptional low energy consumption of the Type A beacon in a flatter dome delivering excellent attention grabbing light.

**5BSP-02** Permanent Mount 12-24vDC

**5BSM-02** Magnetic Mount 12-24vDC

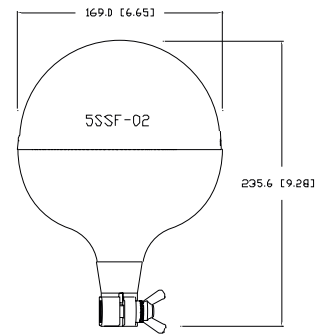


### LED

The ideal warning Light source for larger vehicles and Plant Equipment that require their warning lights to operate most of the day, every day. The longevity and low energy consumption of our LED lights is unparalleled within UN R65 & SAE approved warning Beacons.

**5TLP-02** Permanent Mount 12-24vDC

**5TLM-02** Magnetic Mount 12-24vDC



### BALL BEACONS

The THREESIXTY ball beacons have been specifically designed with larger Plant and Agricultural vehicles in mind. Crafted with the same precision of our standard Extra Large Beacons and meeting the same exacting certifications these Ball Beacons produce an amazing amount of light and visibility irrespective of vehicle obstructions.

The Ball Beacons are available in Halogen Rotator and Strobe versions with both standard and Flexible DIN mounts.

#### ROTATORS

**50RD1-02** DIN Mount 12vDC  
**50RF1-02** Flex DIN Mount 12vDC

**50RD2-02** DIN Mount 24vDC  
**50RF2-02** Flex DIN Mount 24vDC

#### STROBES

**50SD1-02** DIN Mount 12-24vDC

**50SF-02** Flex DIN Mount 12-24vDC



## TECHNICAL MATRIX

Models	Diameter	Ship Weight	Amperage	Joules	Watts	Flash Rate	IP*	Temperature	Approvals
<b>Extra Large Rotator 12vDC</b>	180mm (7.08")	910g (2.01lb)	4.65A	N/A	N/A	140 fpm	IP 54	-30C to + 65C	UN R65, SAE, 2004/104/EC
<b>Extra Large Rotator 24vDC</b>	180mm (7.08")	910g (2.01lb)	2.52A	N/A	N/A	140 fpm	IP 54	-30C to + 65C	UN R65, SAE, 2004/104/EC
<b>Extra Large Strobe 12-24vDC</b>	180mm (7.08")	995g (2.19lb)	1.30A	9.5j	18.6w	120 fpm	IP 54	-30C to + 65C	UN R65, SAE, 2004/104/EC
<b>Extra Large LED 12-24vDC</b>	180mm (7.08")	1.270g (2.80lb)	0.6A	N/A	3w LED	120 fpm	IP 54	-30C to + 65C	UN R65, SAE, 2004/104/EC
<b>Ball Rotator 12vDC</b>	170mm (6.69")	955g (2.10lb)	4.65A	N/A	N/A	140 fpm	IP 54	-30C to + 65C	UN R65, SAE, 2004/104/EC
<b>Ball Rotator 24vDC</b>	170mm (6.69")	955g (2.10lb)	2.52A	N/A	N/A	140 fpm	IP 54	-30C to + 65C	UN R65, SAE, 2004/104/EC
<b>Ball Strobe 12-24vDC</b>	170mm (6.69")	990g (2.18lb)	1.53/0.71A	9.5j	18.6w	120 fpm	IP 64	-30C to + 65C	UN R65, SAE, 2004/104/EC

\* Maximum IP Figure, may vary depending on mounting style

Features	Halogen	Strobe	LED
High Usage >240h/month			★
Medium Usage >120h/month		★	★
Low Usage <120h/month	★	★	
5 year Warranty			★
2 year Warranty	★	★	
High Vibration Use		★	★
Energy Efficiency		★	★
Low Current Draw	★	★	★
12vDC	★	★	★
24vDC	★	★	★
Magnetic Mount	★	★	★
Permanent Mount	★	★	★
DIN Mount	★	★	
Flexible DIN Mount	★	★	
UN R65 E11 e11 / SAE	★	★	★





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