



BEACONS



5800 SERIES SAE Class I Rotator

Available in a wide range of base mountings and two height profiles, these rotating beacons produce SAE Class I light output. The 5800 series incorporates a smooth and quiet belt drive module with stainless steel bearings that provides long life and reliable service. Reflectors incorporate a free-form optical design that maximizes light output and beam spread.

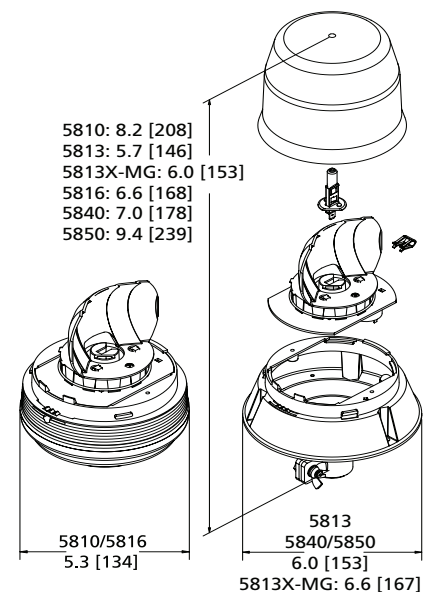
Models

PART NO.	MOUNT	LENS COLOR OPTIONS	LED COLOR
5810X	DIN Pole		☐
5813X	3 Bolt		☐
5813X-MG	Magnet		☐
5816X	1 Bolt		☐

Replace "X" in part number with desired color: A = amber, B = blue, C = clear, G = green, R = red

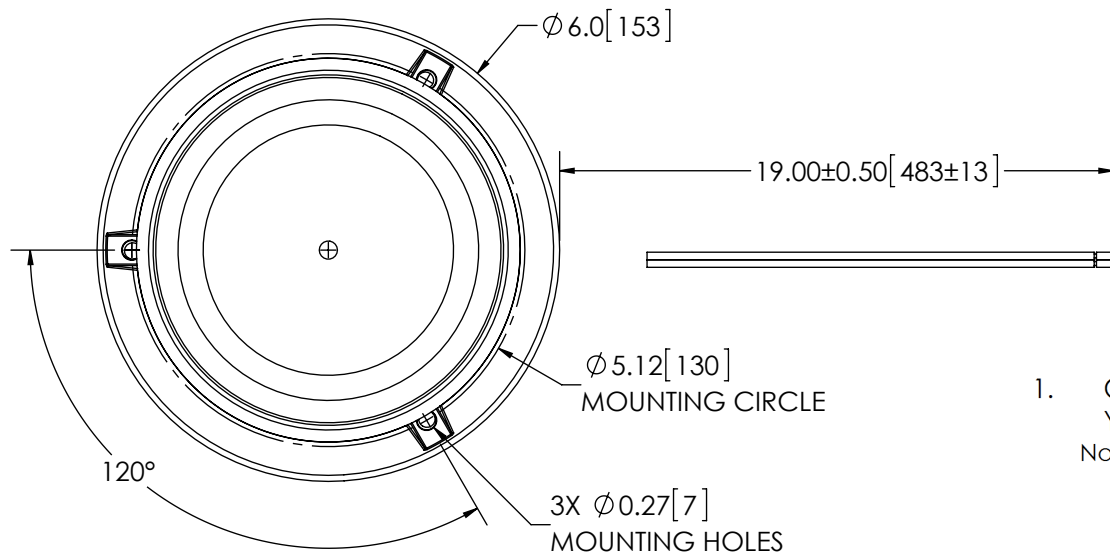
Features and Benefits

- 12 VDC, 4.9 Amps, 195 FPM
- Economical style beacon available in several mounting styles
- DIN models designed to fit DIN #72591
- Flexi-Base model rubber base resists vibration & protects against minor impacts
- Twist-on lens secures with a locking screw
- 55-watt halogen bulb
- Temperature Range: -22°F to +122°F (-30°C to +50°C)



Parts & Accessories

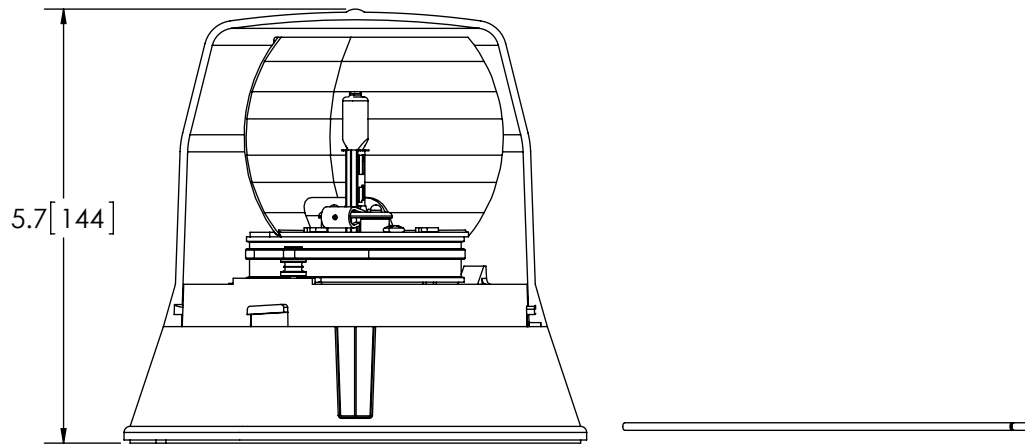
- Bulb: R5812BH
- Lens: Amber - R5810LA
- High Profile Lens: Amber - R5840CA



REVISION HISTORY		
REV.	DESCRIPTION	DATE
B	UPDATED FORMAT AND SPECIFICATIONS PER P3# 09041	2009-10-26
C	REVISE PER EC3133	2015-01-13
D	REVISE PER EC3133	2015-07-16

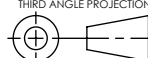
SPECIFICATIONS

- CERTIFICATIONS: ECE R10; SAE J845 (JUN 2013) CLASS 1; YELLOW; Reg 65 CertECE R65; IP54
Note: Unique components, accessories, and hardware kits are not typically Included in the Product Certification Test Protocols. Unless otherwise Specified, the Product Certifications referred to herein are predicated upon the base product model configuration.
- FLASH MODE: ROTATE : 195 ± 5 FLASHES PER MINUTE
- VOLTAGE (NOMINAL): 12 VDC
- VOLTAGE (EXTREME): 9.0 to 16.0 VDC
- CURRENT (PEAK): 4.9A (@ 12 VDC NOMINAL)
- POWER (MAXIMUM): 63.0W (@ 12 VDC NOMINAL)
- TEMPERATURE RANGE: -22°F (-30°C) TO 122°F (50°C)
- CONNECTION: 2 - 16 AWG WIRES
- MOUNTING: 3 BOLTS, FLUSH MOUNT
- BASE MATERIAL: POLYCARBONATE
- LENS MATERIAL: POLYCARBONATE
- PRODUCT WEIGHT: 0.9 LBS (0.41 Kg)



COLOR CHART			
FGS P/N	COLOR	SAE J845	ECE R 65
5813A	AMBER	CLASS 1	X
5813B	BLUE	CLASS 1	X
5813R	RED	CLASS 1	

NOTES:
1. DIMENSIONS IN INCHES[MILLIMETERS (FOR REFERENCE)]

SCALE 1:2.5			APPROVALS		DATE	
CAD GENERATED DRAWING DO NOT MANUALLY UPDATE. MODEL REFERENCED:C+			DRAWN BY	ABB	2015-07-02	
			CHECKED	MDH	2015-07-06	
TOLERANCES ARE IN INCHES, AND MILLIMETERS TOLERANCES UNLESS OTHERWISE STATED ARE:			MECH. ENG.	KLR	2015-07-02	
MILLIMETERS DECIMALS XX. ± 1.0mm XX.X ± 0.5mm			ELEC. ENG.	TJT	2015-07-02	
INCHES DECIMALS X.X ± 0.1 X.XX ± 0.04 X.XXX ± 0.02			TEST ENG.	JRT	2015-07-10	
ANGLES ± 0.5° FRACTIONS ± 1/64			SALES	LAT	2015-07-06	
THIRD ANGLE PROJECTION 						
NON DISCLOSURE AGREEMENT THIS DRAWING AND THE DESIGN IT DISCLOSES ARE THE PRIVATE PROPERTY OF ESG AND IS ISSUED IN CONFIDENCE FOR ENGINEERING INFORMATION ONLY. THE DRAWING AND / OR DESIGN MAY NOT BE USED, COPIED, REPRODUCED, OR OTHERWISE DISCLOSED IN PART OR AS A WHOLE TO OUTSIDERS OR USED FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF ESG. THE DRAWING IS SUBJECT TO RECALL AT ANY TIME. YOUR POSSESSION OF THIS DOCUMENT CONSTITUTES ACCEPTANCE OF THESE TERMS. © 2004 ECCO			ROTO,12VDC,3 BOLT MOUNT			
			CUSTOMER PART NO. SEE CHART			PRODUCT SERIES: 5800
SIZE: A			DWG. NO. 5813X		REV. D	
Electronically Controlled Use Latest Copy			SHEET 1 OF 1		Project: CR#1576	
					Date Created: 2004-06-30	