



LENS LOCKING SCREW,  
BLACK, COATED STEEL  
TORQUE 0.4 Nm ±0.05

LENS, AMBER,  
POLYCARBONATE

BASE, BLACK,  
TEXTURED

CUSHION BLACK

(Ø12.5)  
NOTE 1

3 x Ø7 HOLES  
REQUIRED FOR M6 BOLTS  
BOLT TORQUE 0.5N m±0.1

SEE NOTE 2

MOUNTING BOLT ARRANGEMENT

BLUE CABLE CHANGE  
FLASH PATTERN

BLACK CABLE -ve

RED CABLE +ve

YELLOW CABLE  
SYNCHRONISATION

**NOTES CONTINUED**

- 8. LIGHT SOURCE: 12 x 3W LED'S
- 9. CURRENT CONSUMPTION:  
PEAK  
2.04A AT 12V DC  
1.00A AT 24V DC  
AVERAGE  
0.76A AT 12V DC  
0.58A AT 24V DC
- 10. NUMBER OF FLASH PATTERNS - 12
- 11. IN ORDER TO MEET REG65 THE FLASH PATTERN MUST BE SET ONE OF THE FOLLOWING FLASH PATTERNS:  
  
PATTERN 1 - SINGLE FLASH  
PATTERN 2 - DOUBLE FLASH
- 11.1 BEACON IS SET TO FLASH PATTERN 2 - DOUBLE FLASH.
- 12. REVERSE POLARITY PROTECTED.
- 13. THE ELECTRICAL SUPPLY TO THE BEACON MUST BE FITTED WITH A FUSE. MAXIMUM RATING OF 4A.
- 14. VOLTAGE RANGE 10V TO 32V DC
- 15. OPERATING TEMPERATURE -30° TO +50°C

**CERTIFICATION PROCEDURE INVOLVED - UNAUTHORISED DEVIATION STRICTLY FORBIDDEN**

MOD No.	REFERENCE	ISS	DATE	BY
41534	PRE PROD REL	01	03/06/2014	johnw
41896	PROD REL	A	20/06/2014	johnw

**NOTES**

- 1. CABLE PROTECTION SPOUT, THIS WILL PUSH UP INTO BASE IF NOT REQUIRED.
- 2. CABLE EXIT HOLE DIAMETER TO SUIT CABLE ASSEMBLY OR CABLE PROTECTION SPOUT.
- 3. ENVIRONMENTAL PERFORMANCE:- BEACON COMPLIES WITH BRITAX PMG LTD SPECIFICATION, ENS054.
- 4. BEACON COMPLIES WITH THE FOLLOWING ECE REGULATIONS:- REG 65.00 CAT TA1 - SPECIAL WARNING LIGHT. 10.04 - EMC. AND SAE J845.
- 5. THE BEACON MUST BE INSTALLED ON A FLAT HORIZONTAL SURFACE WITH THE LENS FACING UPWARDS.
- 6. CABLE EXIT HOLE DIAMETER TO SUIT CABLE ASSEMBLY OR CABLE PROTECTION SPOUT.
- 7. CABLE SPECIFICATION:  
4 CORE CABLE THIN WALL 24/0.2 (0.75mm<sup>2</sup>) TO ISO 6722:2006. (CLASS B).

Designed with	
MATERIAL	SPEC -
FINISH	SPEC -

ESTIMATED MASS  
TOOL No.  
DIMENSIONS IN MILLIMETRES  
DO NOT SCALE IF IN DOUBT - ASK  
DRAWN IN ACCORDANCE WITH BS308

DIMENSIONAL TOLERANCES :  
**AS SPECIFIED**

3RD ANGLE PROJECTION	METRIC DESIGN
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BRITAX PMG LTD  
BESSINGBY INDUSTRIAL ESTATE  
BRIDLINGTON  
EAST YORKSHIRE  
YO16 4SJ ©

DRAWN J WEBBER	DATE 23/05/2013	CHECKED SEE RELEASE /CHANGE NOTE	SCALE 1:2
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TITLE  
**CUSTOMER DRAWING  
BEACON AMBER LED 3 BOLT**

PART No. <b>B250.00.LDV</b>	Sht No <b>1</b> of <b>2</b>
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