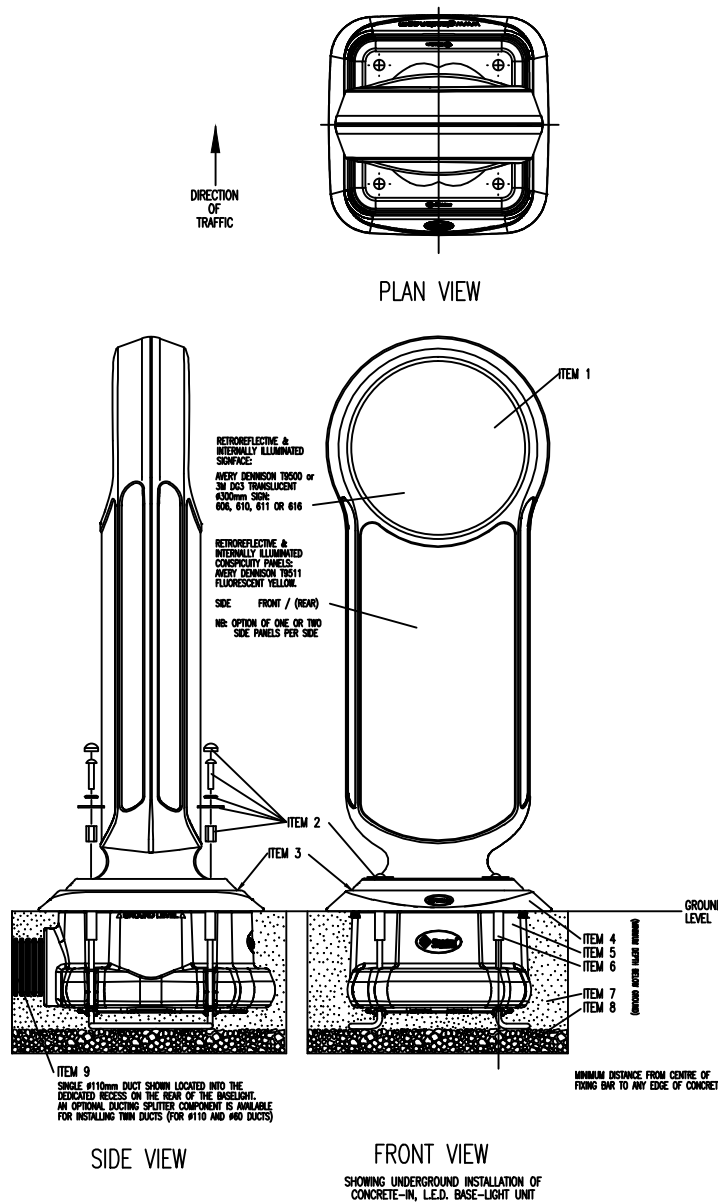


Rev.	Amendments	Date	Made By	Chk'd By

REFER TO MANUFACTURER FOR INSTALLATION DETAILS



- PRODUCT INFORMATION:**
- WEIGHT**
 - BOLLARD - 6.0 Kg
 - BASELIGHT UNIT - 5.8 Kg
 - FIXINGS - 1.0 Kg
 - TOTAL - 12.8 Kg
 - MATERIAL**
 - BOLLARD: - IMPACTPOL® DURIPOL®
 - BASELIGHT: - DURIPOL®
 - FIXINGS: - SCREWS & WASHERS - STAINLESS STEEL
 - SPACERS - ROAD PVC
 - CONCRETE-IN ANCHOR FIXING BARS - MS B2P
 - BOLLARD COLOUR** - WHITE
 - DIMENSIONS** - ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED

- INSTALLATION GUIDE:**
- ITEM 1 - REMOVABLE BOLLARD - x1
 - ITEM 2 - FIXINGS FOR BOLLARD:
 - M10 SCREW COVER CAP & RETAINER WASHER - WHITE NY66 - x4
 - M10 x 50mm SOCKET HEAD SCREW - S/S - x4
 - M10 x #50 x 3mm WASHER - POWDER COATED S/S - x4
 - M10 x #19 x 20mm SPACER - ROAD PVC - x4
 - ITEM 3 - ANTI TRAFFIC FILM GASKET (ADHERED TO BASELIGHT TOP)
 - ITEM 4 - 24V OR 240V AC SEALED L.E.D. BASELIGHT TOP C/W LEAD & PLUG
 - ITEM 5 - CONCRETE-IN BASELIGHT BOX (MAIN UNIT)
 - ITEM 6 - CONCRETE-IN ANCHOR FIXING BAR (2 OFF)
 - ITEM 7 - QUICK SETTING CONCRETE (eg. GRADE QC10)
 - ITEM 8 - GRAVEL / SUPPORT BLOCKS (TO ENSURE ASSEMBLY IS LEVEL)
 - ITEM 9 - STANDARD #110mm CABLE DUCT "PRODUCT" (ORANGE FOR LIGHTING)

ORIENTATE SIGNFACE TOWARDS ONCOMING TRAFFIC.

WE RECOMMEND THE USE OF OUR OPTIONAL "INSTALLATION PLATE" FOR CONCRETING INTO THE GROUND. THIS IS TO BE FIXED TO THE TOP OF THE PLATE (ITEM 4) IN-LINE WITH THE "CONCRETE-IN FIXING BARS" (ITEM 3). THIS PREVENTS EXCESS CONCRETE ENDOUCHING INTO THE ASSEMBLY, PROVIDES AN EDGE TO TROWEL UP TO AND ENSURES FIXING CENTRES ARE CORRECT ONCE CONCRETE HAS SET.

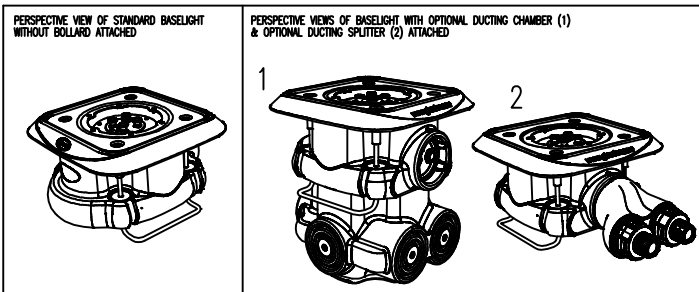
RECOMMENDED MINIMUM HOLE SIZE: 500x500x300mm DEEP.

FOR SPEED WE RECOMMEND INSTALLING WITH QUICK SETTING CONCRETE (eg. GRADE QC10) BUT EXACT INSTALLATION REQUIREMENTS SHOULD BE ASSESSED FROM A SITE SURVEY.

- OPTIONAL PARTS:**
- OPTIONS AVAILABLE FOR THE PRODUCT:**
- DUCTING SPLITTER - FOR A CLEAN INSTALLATION OF TWO DUCTS TO THE BACK OF THE BASELIGHT BOX (CATERS FOR BOTH STANDARD #110mm & #60mm DUCTS)
 - DUCTING CHAMBER - CLIPS TO THE BOTTOM OF THE BASELIGHT BOX AND INCLUDES "POCK-OUTS" ALL ROUND FOR BOTH STANDARD #110mm & #60mm DUCTS. ONE DUCTING CHAMBER ASSEMBLED GIVES A FOUNDATION DEPTH OF 450mm, AND TWO STACKED TOGETHER GIVES A FOUNDATION DEPTH OF 700mm.
 - INSTALLATION PLATE (HIGHLY RECOMMENDED)
 - 240V AC TO 24V AC TRANSFORMER - C008/3042
 - BODY C/W FRONT, 1x1H & 1xRH CONSPIQUITY PANELS
 - BODY C/W FRONT, 2xLH & 2xRH CONSPIQUITY PANELS
 - BODY C/W FRONT, REAR, 2xLH & 2xRH CONSPIQUITY PANELS
 - + A RANGE OF AUTHORISED SIGNFACES &/OR WHITE DISC

- SPARES ARE AVAILABLE, WHICH INCLUDE:**
- BOLLARD C/W FIXINGS & RETROREFLECTIVE PATCHES
 - BOLLARD ONLY
 - RANGE OF SIGNFACES
 - FIXINGS
 - 24V OR 240V AC SEALED L.E.D. BASELIGHT TOP UNIT C/W LEAD & PLUG
 - 240V AC TO 24V AC TRANSFORMER - C008/3042

- TECHNICAL DATA:**
- SURFACE AREA OF CONSPIQUITY PANELS:**
 - FRONT = 161,701mm² (PROJECTED)
 - SINGLE SIDE = 24,255mm²
 - OPTIONAL DOUBLE SIDE = 48,510mm²
 - SURFACE AREA OF SIGNFACE = 70,686mm²**
 - ALL RETROREFLECTIVE MATERIALS SUPPLIED BY GLASDON ARE AS RECOMMENDED IN TABLE #A1 OF THE NATIONAL ANNEX OF BS EN 12899-1: 2007 FIXED VERTICAL ROAD SIGNS.
 - MICROPRISMATIC RETROREFLECTIVE MATERIALS USED ON OUR PRODUCTS MEET THE REQUIREMENTS OF BS 6840 2005 ROAD TRAFFIC SIGNS: TESTING AND PERFORMANCE OF RETROREFLECTIVE SHEETING MATERIALS WHEN SITED NORMALLY AND USED IN THEIR NORMAL APPLICATION.
 - SEALED L.E.D. BASELIGHT UNIT c/w PHOTOCELL:
 - 24V AC - OUTPUT: 6.5 WATTS (REQUIRES TRANSFORMER C008/3042)
 - 240V AC - OUTPUT: 7.0 WATTS
 - NOTE: IF USING A 24V ac BASELIGHT UNIT ON A 240V ac SYSTEM, UNIT REQUIRES TRANSFORMER C008/3042 WHICH IS AVAILABLE FROM GLASDON. THIS CAN POWER UP TO 3x L.E.D. BASELIGHTS. (SEE MODEL SPEC DRAWING 02S070-301).
 - ADDITIONAL CONNECTIONS: WE RECOMMEND THE USE OF IP68 RATED SEALED COMPONENTS
 - UNMSU: 24v ac - L.E.D.: 40 0005 0000 100 - 5.0 WATTS
 - PHOTOCELL: 94 0000 0000 100 - 1.5 WATTS
 - 240v ac - L.E.D.: 40 0003 0000 100 - 5.0 WATTS
 - PHOTOCELL: 94 0004 0000 100 - 4.5 WATTS



INTERNALLY ILLUMINATED & RETROREFLECTIVE SELF RIGHTING BOLLARD

DRG. TITLE		<p>Glason®</p> <p>Glason Group Limited Unit 10, The Enterprise Centre Llanelli, Pk 10, Llanelli Carmarthenshire, SA31 3YD Wales, SA31 3YD Tel: 01292 722222 Fax: 01292 722222 Web Site: www.glason.com</p>
PROJECT		
DRG. No.	PROJECT No.	
SCALE	DATE	
DRAWN BY	CHECKED	SPECIFICATION NUMBER - 02S073-S02 ISSUE 02 ©GLASDON GROUP LTD 11/02/10 SHEET SIZE: A2

REBOUND SIGNMASTER L.E.D BOLLARD

HIGHWAY DESIGN GUIDE STANDARD DETAILS

RHONDDA CYNON TAF
COUNTY BOROUGH COUNCIL



Drawn	WDF
Checked	RMD
Date	Jan 14
Scale	NTS
Drq. No.	307
Rev.	