



WRTL ARC LANTERN
 Two body sizes: Arc 80 for lamps up to 150W
 SON/T - CDO-TT and Arc 90 for lamps up to 600W SON/T - HQI
 Glass/bowl: Injection-moulded, UV-stabilised polycarbonate bowl in Arc 80, curved and flat toughened safety glass in both Arc 80 and Arc 90
 Finish: In RAL 9007 silver as standard but other colours on request
 Tilt angle: 0° + 5° + 10° in both post top and side entry
 Mounting: Side entry mounting is 60mm without adaptor or 34, 42 or 48mm with adaptor; post top mounting is 60-76mm
 Control gear: Integral as standard
 Insulation: Class 1 (must be earthed), Class 2 optional
 Ambient temperature range: -20°C to +35°C
 Standard ballast: 230/240V, thermally protected

Brixham_Road
 3487 points at z=0, sp 1.5m by 1.5m
 HORIZONTAL LUX
 Average 12.7
 Maximum 40.4
 Minimum 4.1
 Min/Avg(Uo) 0.323
 Min/Max 0.101
 Coef Var 0.452
 UniGrad 1.49

Road_1
 580 points at z=0, sp 1.5m by 1.5m
 HORIZONTAL LUX
 Average 12.5
 Maximum 24.1
 Minimum 4.9
 Min/Avg(Uo) 0.393
 Min/Max 0.203
 Coef Var 0.357
 UniGrad 1.37

Roundabout
 464 points at z=0, sp 1.5m by 1.5m
 HORIZONTAL LUX
 Average 12.5
 Maximum 24.2
 Minimum 5.4
 Min/Avg(Uo) 0.430
 Min/Max 0.223
 Coef Var 0.319
 UniGrad 1.45

Road_2
 374 points at z=0, sp 1.5m by 1.5m
 HORIZONTAL LUX
 Average 6.5
 Maximum 19.0
 Minimum 1.9
 Min/Avg(Uo) 0.294
 Min/Max 0.100
 Coef Var 0.543
 UniGrad 1.65

The site is to be controlled by Harvard Leafnut monitoring system.
 Each lantern to include a Harvard 90w or 45w CPO W/IMac enabled ballast and Leafnode (ref WMLN 868A) as appropriate.
 A branch node (ref LCBN 868A) shall be installed at a convenient location which acts as the main controller unit.
 A trunknode, the internal portal, shall be installed as detailed by Harvard, a pre-deployment form must be completed.
 Details obtained from support@harvardeng.comor Tel: 0113 383 1000 option 5.

NOTES

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CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. ONLY FIGURED DIMENSIONS ARE TO BE WORKED FROM. DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO JUBB CONSULTING ENGINEERS LIMITED BEFORE PROCEEDING.

THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE CURRENT ENGINEERING SPECIFICATIONS AND RISK ASSESSMENTS.

ALWAYS CHECK FOR LATER REVISIONS OF THIS DRAWING.

THE CONTRACTOR IS TO REFER TO THE SPECIFICATION, FULL SCHEDULE OF RESIDUAL RISKS IN THE CONTRACT DOCUMENTATION AND ALSO TO INFORMATION FROM OTHER DESIGNERS, IN PARTICULAR THE M&E CONSULTANT REGARDING EXISTING LIVE SERVICES.

- 2685 SNN/1A
 lamp(s): 1CPO-TW 45W
 candela file 'NR568Y.LDT'
 1 lamp(s) per luminaire, 4300 initial lumens per lamp
 Maintenance Factor = 0.840, watts per luminaire = 0
 Outreach (from mounting axis to photometric center)= 500 mm
 tilt angle= 5 deg
 mounting height= 6 m
 number locations= 4, number luminaires= 4
 kw all locations= 0.0
- 2685 SNN/1A
 lamp(s): 1CPO-TW 90W
 candela file 'NR567Y.LDT'
 1 lamp(s) per luminaire, 10450 initial lumens per lamp
 Maintenance Factor = 0.840, watts per luminaire = 0
 Outreach (from mounting axis to photometric center)= 500 mm
 tilt angle= 5 deg
 mounting height= 8 m
 number locations= 30, number luminaires= 30
 kw all locations= 0.0

REV	DATE	DESCRIPTION	DR'N	CHK'G	APP'D	ENG
G	16:07:12	CONSTRUCTION ISSUE			S.H	T.A
F	22:06:12	8m & 1no. 6m column removed, Position 1no. 8m column amended.			S.H	
E	02:04:12	Carriageway amended to suit existing vehicular access.			S.H	
D	10:01:12	Lighting information added.			S.H	
C	15:12:11	Lighting amended to suit revised design.			S.H	
B	02:12:11	Lighting relocated to avoid gas main			S.H	
A	25:11:11	TENDER ISSUE			S.H	

Issue Status

<input type="checkbox"/> CONCEPT	<input checked="" type="checkbox"/> CONSTRUCTION
<input type="checkbox"/> PRELIMINARY	<input type="checkbox"/> H&S FILE ISSUE
<input type="checkbox"/> TENDER	<input type="checkbox"/>

Project
BRIXHAM ROAD PAIGNTON

Detail
PROPOSED STREET LIGHTING

Client/Architect
CAVANNA HOMES (SW LTD) / PARKBAY DEVELOPMENTS LTD

Scale @ A1
1:500

Project Ref P9464	Drawing No H141	Rev G
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JUBB
 CONSULTING ENGINEERS LIMITED

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