

Technical Submittal - UCLH P5 33695



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Package Number:	6000
Package Name:	Mechanical & Electrical
Company Name:	Dornan Engineering
Sub Contractor manager:	James Ryan
File Name:	P5-DES-001-ZZ-TS-E-0070
Document Title:	Type T4 Luminaire
Purpose of Issue:	See Conject for current purpose of issue.

Status by Lead Reviewer:	<i>See Conject for current status</i>
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Version History			
Revision No.	Date Issued	Prepared By	Status
P01	08/08/18	Blagoya Chakreski	For Approval

Design Information and Technical Data used to prepare submittal	
Equipment Data Sheets / Schedules :	<ul style="list-style-type: none"> • P5-ARP-Z0-SP-Z-0011_iss1_revT01 • •
Particular Specification:	<ul style="list-style-type: none"> • P5-ARP-Z0-SP-Z-0004_iss2_revT02 • •
Materials & Workmanship:	<ul style="list-style-type: none"> • • •
Drawings:	<ul style="list-style-type: none"> • • •
Schematics/Diagrammatic:	<ul style="list-style-type: none"> • • •
Supplementary Specs:	<ul style="list-style-type: none"> • HTM_06-01_Part_A • •

Attachments *(Tick as appropriate)*

- Catalogue Details
- Design Check Calculations
- Manufacturing Drawings
- Wiring/Control Diagrams
- Sample List
- BWIC requirements
- Assembly / installation details
- O&M instructions
- List of recommended spares
- Interface and coordination with other packages
- FAT / SAT Test Requirements
- Description of Operation

Specification Compliance Statement			
<p>Technical Submission fully compliant</p> <p>If no then proposed deviations are:</p>			
<table border="1" style="margin-left: auto;"> <tr> <td style="width: 40px; height: 20px;"></td> <td style="width: 40px; height: 20px; text-align: center;">N</td> </tr> </table>			N
	N		
Specification Requirement	Proposed Deviation		
Whitecroft Model BLF3614kG	Whitecroft Model BRLY34KRB		

1) ARUP SDS

Please refer to next page

Job Title: UCLH Phase 5

Date: 22/01/2015

Job Number: 232426-00

Purpose of Issue: Tender


Revision: T01

Luminaire Reference: TYPE T4

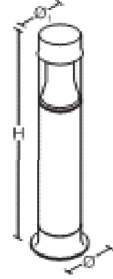
General Description

IP65 LED Bollard with extruded aluminium body and clear polycarbonate diffuser. With 360 degree distribution

General Appearance

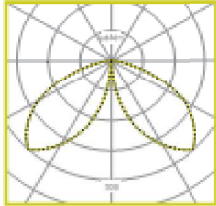


Dimensions



Ø	H	Ø ₁	KG
250	1100	180	7.1

Photometric Performance



10W 484 lumen
• LOR = 100%

Luminaire

Manufacturer	Whitecroft
Manufacturing standard	BS EN 60598
Catalogue number	broadwalk - BLF3614kG
Finish	Aluminium
EMC	BS EN 55015

Light Source

Type	LED
Wattage	10W
Designation	484lm
Colour / Beam	4000K - Ra min 80

Control Gear / Transformer

Type	DALI 220-240 Vac
Dimmable	Yes
Location (Remote/Integral)	Integral

Accessories

Lens	-
Baffle	-
Other	IP65

Location

L6 Roof garden

Equipment supplied to be as specified or equal approved

Additional Information

- 1.
- 2.
- 3.
- 4.



PROJECT – UCLH P5 33695

2) Catalogue Details



Broadwalk RS



Project reference:
T4

Part number:
BRLY34KRB

Product description:

IP65 LED bollard in black polyester powder coated reinforced steel. With clear polycarbonate diffuser and shielded LED module for control of upward light – as Whitecroft Lighting BROADWALK RS



Light source

Light source:

LED, 960 lumen output

Colour temperature:

4000K

Colour render index:

>80

Colour consistency:

MacAdam 3 SDCM

Control gear:

DALI dimmable

Integral control:

N/A

Luminaire performance

LL/CW:

69

Circuit watts:

14.4W

Light output ratio:

100%

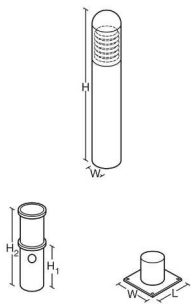
Emergency

N/A

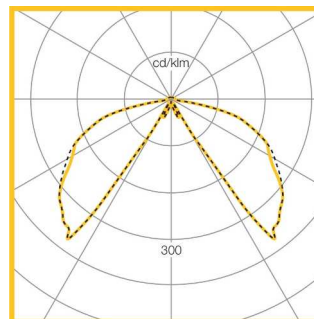
Finish

Black

Dimensions & Weight



Polar Curve (Indicative Only)



VERSION	L	W	H	H2	KG
Body		177	976		9
Root Mount			610	455	7
Flange Mount	191	191			3