

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-0069
Document Title:	Type T3 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		
AURORA AU-ST110A	Whitcroft K6Y44KHB and K6Y44HBEP		

1) ARUP SDS

Please refer to next page

LUMINAIRES - LED STRIP

AU-ST110A

Product Description:

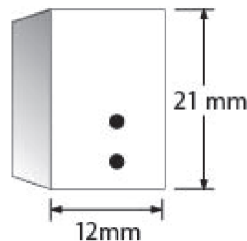
Single colour flat top IP68 LED flex ideal to be used for architectural features including stairs, bar edging, floor marking, signage, marine or outdoor lighting. IP rated accessories and connector kits are available. Any joints or termination points are maximum IP65 rated. This LED flex is highly flexible with a minimum bend radius of 12cm and has cut points every 6 LEDs. Very low power consumption of 12W per metre. For runs over 10m individual lengths should be connected in parallel. A 24V DC Constant Voltage LED driver is required (see driver options tables). Reel length 10m.

3 year warranty.

Product Image:



Line Drawing



Product Specs:

Technology	LED	Number of LEDs	60
Lifetime L70 (hrs)	25000	Input Voltage	24~24V DC
Dimmable	Yes	IP Rating	IP68
Operating Temp	45	Overall Height (mm)	21

SKU Table and Ordering:

Cat. No.	Wattage	Beam Angle	lm	Lumens/Watt	Colour
AU-ST110ABLU	12W	160°			
AU-ST110AW	12W	160°	350lm	29.17	5700K
AU-ST110AWW	12W	160°	350lm	29.17	2700K

Warranty:

This product has a guarantee period of 1 Year. Warranties may be available on certain products as indicated in the product description. Warranties are valid from the date of purchase. The warranty is invalid in the case of improper use, installation, tampering, removal of the Q.C. date label or installation in an improper working environment or installation. Should this product fail during the warranty period it will be replaced free of charge, subject to the correct installation of the original product and subsequent return of the faulty unit. Aurora does not accept responsibility for any installation costs associated with the replacement of this product and Aurora reserves the right to alter specifications without prior notice.

UK Sales

16 Alban Park Hatfield Road St. Albans
AL4 0JJ
United Kingdom
Tel : +44 (0) 1727 83 66 11
Fax : +44 (0) 1727 83 66 22

UK Distribution

Apex Park 6 Little Burrow Welwyn
Garden City AL7 4SW
United Kingdom
Tel : +44 (0) 1707 35 18 20
Fax : +44 (0) 1727 35 18 21

LUMINAIRES - LED STRIP ACCESSORIES

AU-ST110ACH3

Product Description:

AU-ST110A 1m LED Flex Channel Accessory.

Product Image:



Product Specs:

SKU Table and Ordering:

Cat. No.
AU-ST110ACH3

Warranty:

This product has a guarantee period of 3 Years. Warranties may be available on certain products as indicated in the product description. Warranties are valid from the date of purchase. The warranty is invalid in the case of improper use, installation, tampering, removal of the Q.C. date label or installation in an improper working environment or installation. Should this product fail during the warranty period it will be replaced free of charge, subject to the correct installation of the original product and subsequent return of the faulty unit. Aurora does not accept responsibility for any installation costs associated with the replacement of this product and Aurora reserves the right to alter specifications without prior notice.

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PROJECT – UCLH P5 33695

2) Catalogue Details



Kolo IP65 Hood



Project reference:

T3 and T3E

Part number:

K6Y44KHB
K6Y44KHBEP

Product description:

Surface mounted circular IP65 LED bulkhead luminaire in 400mm diameter. Polycarbonate opal diffuser. Supplied with trim ring – as Whitecroft Lighting KOLO IP65 HOOD



Light source

Light source:

LED, 1008 lumen

Colour temperature:

4000K

Colour render index:

>80

Colour consistency:

MacAdam 3 SDCM

Control gear:

Integral DALI dimmable driver

Integral control:

N/A

Luminaire performance

LL/CW:

72.00

Circuit watts:

14W

Light output ratio:

100.00%

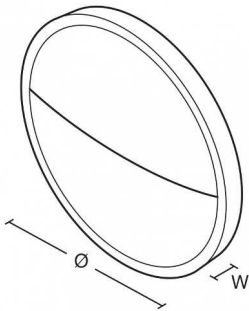
Emergency

Integral 3 hour emergency battery c/w EMPRO inverter

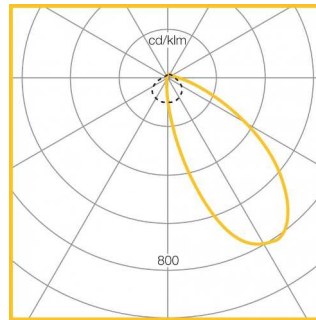
Finish

Black

Dimensions & Weight



Polar Curve (Indicative Only)



VERSION	W	KG	KG(EM)	Ø
400mm Ø	95	4	4.5	400