

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-0011
Document Title:	Type L 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	22/08/17	Tony McMeiken	For Approval
P02	24/10/17	Tony McMeiken	For Approval
C01	13/12/17	Tony McMeiken	For Construction
C02	17/08/18	Peter Hefta	For Construction

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 (Appendix 2 Luminaire Schedule) 		
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:	P5-DES-001-00-DR-E-1003 P5-DES-001-00-DR-E-1004 P5-DES-001-01-DR-E-1003 P5-DES-001-01-DR-E-1004 P5-DES-001-02-DR-E-1003 P5-DES-001-02-DR-E-1004 P5-DES-001-03-DR-E-1003	P5-DES-001-03-DR-E-1004 P5-DES-001-04-DR-E-1003 P5-DES-001-04-DR-E-1004 P5-DES-001-05-DR-E-1003 P5-DES-001-05-DR-E-1004 P5-DES-001-R6-DR-E-1003 P5-DES-001-R6-DR-E-1004	P5-DES-001-B1-DR-E-1003 P5-DES-001-B1-DR-E-1004 P5-DES-001-B2-DR-E-1003 P5-DES-001-B2-DR-E-1004 P5-DES-001-B3-DR-E-1003 P5-DES-001-B3-DR-E-1004
Schematics/Diagrammatic:	<ul style="list-style-type: none"> 		
Supplementary Specs:	<ul style="list-style-type: none"> 		

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

Technical Submission fully compliant

	N
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If no then proposed deviations are:

Specification Requirement	Proposed Deviation
<p>Manufacturer: Lightworks Product Code: Idaho - 100-205/ FX20139D Description: Recessed linear LED lighting system for continuous application with slim line body frame.</p>	<p>Manufacturer: Whitecroft Product Code: Avenue Micro - AMRY3W+AMRY2W+AMRY1W+AMRECW Description: Slim-line recessed linear LED luminaire for continuous or standalone application in ceilings or walls</p> <p><i>As per agreed VE option M4</i></p>

1) ARUP Data Sheets

Please refer to next page

Job Title: UCLH Phase 5

Date: 22/01/2015

Job Number: 232426-00

Purpose of Issue: Tender

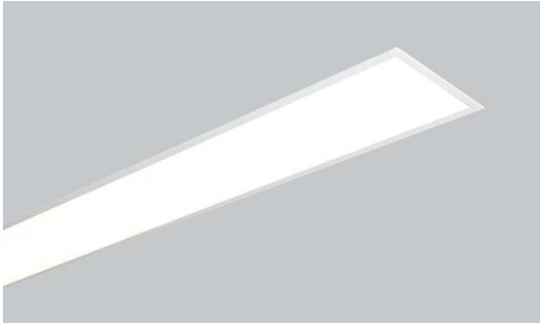
Revision: T01

Luminaire Reference: TYPE L

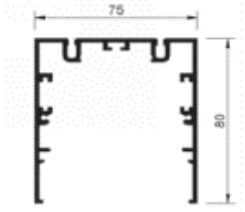
General Description

Recessed linear LED lighting system for continuous application with slim line body frame

General Appearance

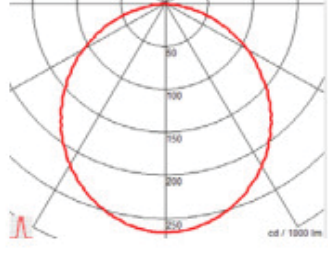


Dimensions



Length and final details to be confirmed

Photometric Data



Luminaire

Manufacturer	LightWorks
Manufacturing standard	BS EN 60598
Catalogue number	Idaho - 100-205/ FX20139D
Finish	White
EMC	BS EN 55015

Light Source

Type	LED
Wattage	14W/ meter
Designation	1075lm/ meter
Colour / Beam	4000K - Ra min 80

Control Gear / Transformer

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

Accessories

Lens	Opal / Standard
Baffle	N/a
Other	IP 20

Location

BOH Corridor

*Equipment supplied to be as specified or equal approved***Additional Information**

1. All products to have a wipeable smooth clean surface. No screw heads or slots will be allowed.
2. It shall be a continuous lighting along corridor and corners available.
3. Acceptance of this light fitting shall be subjected to architect's approval
- 4.

2) Catalogue Details

Please refer to next page

Avenue Micro Recessed



Project reference:

L

Part number:

AMRY3W
AMRY2W
AMRY1W
AMRECW

Product description:

IP40 Slim-line recessed linear LED luminaire for continuous or standalone application in ceilings or walls, complete with Opal diffuser – as Whitecroft Lighting AVENUE MICRO RECESSED.

** This product does not come with corner versions **



Light source

Light source:

LED, 1200 lumen output

Colour render index:

>80

Control gear:

Integral DALI dimmable driver

Colour temperature:

4000K

Colour consistency:

MacAdam 3 SDCM

Integral control:

N/A

Luminaire performance

LL/CW:

82

Light output ratio:

100%

Emergency

N/A

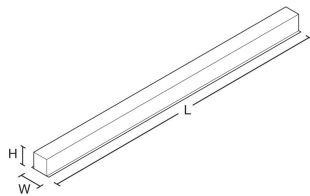
Circuit watts:

15W per 1200mm

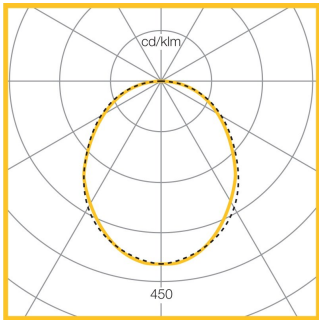
Finish

White RAL 9003

Dimensions & Weight



Polar Curve (Indicative Only)



VERSION	L	W	H	KG
600lm	564	58	66	1.3
1200lm	1122	58	66	2.3
2500lm	2244	58	66	4.6