

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-0052
Document Title:	Type G 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	05/10/17	Tony McMeiken	For Approval
P02	12/10/17	Tony McMeiken	For Approval
C01	17/01/18	Tony McMeiken	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 (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-ARP-Z0-00-DR-E-7001 P5-ARP-Z0-00-DR-E-7002 P5-ARP-Z0-01-DR-E-7001 P5-ARP-Z0-01-DR-E-7002 P5-ARP-Z0-02-DR-E-7001 P5-ARP-Z0-02-DR-E-7002 P5-ARP-Z0-03-DR-E-7001	P5-ARP-Z0-03-DR-E-7002 P5-ARP-Z0-04-DR-E-7001 P5-ARP-Z0-04-DR-E-7002 P5-ARP-Z0-05-DR-E-7001 P5-ARP-Z0-05-DR-E-7002 P5-ARP-Z0-06-DR-E-7001 P5-ARP-Z0-06-DR-E-7002	P5-ARP-Z0-B1-DR-E-7001 P5-ARP-Z0-B1-DR-E-7002 P5-ARP-Z0-B2-DR-E-7001 P5-ARP-Z0-B2-DR-E-7002 P5-ARP-Z0-B3-DR-E-7001 P5-ARP-Z0-B3-DR-E-7002
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	
<div>Technical Submission fully compliant</div> <div>If no then proposed deviations are:</div> <div><div></div><div>N</div></div>	
Specification Requirement	Proposed Deviation
The specified Type G luminaire is the Kreon Prologe 80.	Artech Flowline offered for the Type G luminaire in line with VE Item M4.

1) ARUP Data Sheets

Please refer to next page

Job Title: UCLH Phase 5

Date: 22/01/2015

Job Number: 232426-00

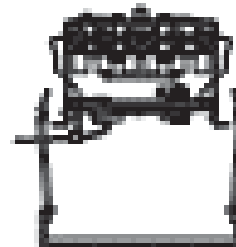
Purpose of Issue: Tender

Revision: T01

Luminaire Reference: TYPE G

General Description

Recessed linear LED lighting system for continuous application

General Appearance

full dimensions

LxW 562mm x 70mm

Luminaire

Manufacturer	Kreon
Manufacturing standard	BS EN 60598
Catalogue number	Prologe 80 - kr965153
Finish	Sheet Steel
EMC	BS EN 55015

Light Source

Type	LED
Wattage	18W
Designation	2200lm
Colour / Beam	4000K - Ra min 80

Control Gear / Transformer

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

Accessories

Lens	OLDP diffuser
Baffle	-
Other	IP40

Location

Waiting Area

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

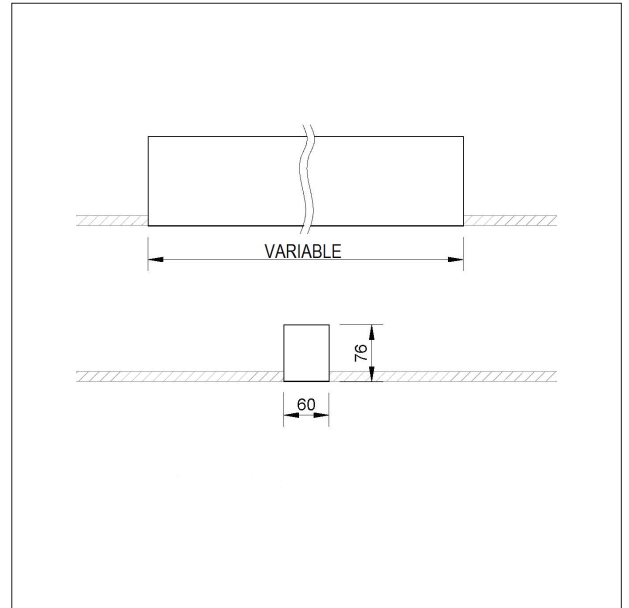
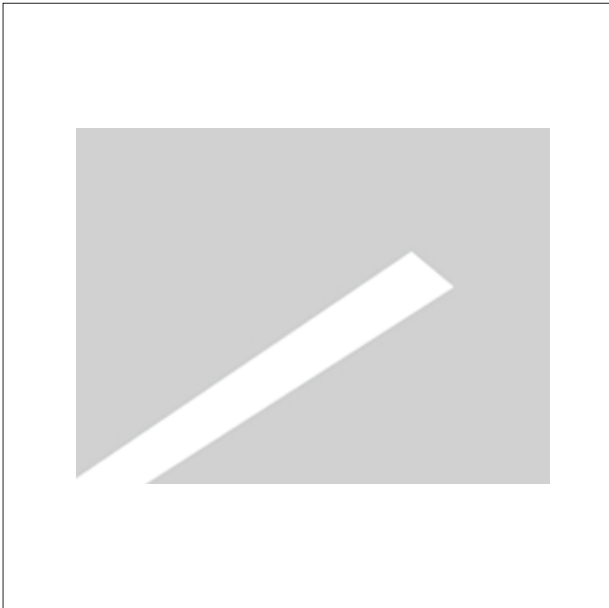
1. All products to have a wipeable smooth clean surface. No screw heads or slots will be allowed.
2. It shall be a continuous lighting along corridor and corners available.
3. Acceptance of this light fitting shall be subjected to architect's approval
- 4.

2) Catalogue Details

Please refer to next page

Artech FlowLine Medium Recessed IP40 LED Luminaire

Architectural linear LED system for Recessed mounted applications. Supplied with constant current, DALI or DSI digital dimmable driver for LED. Aluminum extruded body in white, black or anodized finish. MicroPrism optic with high lumen output and luminance intensity control - UGR<19.



100mA / 1700lm / 17W - per meter

200mA / 2630lm / 26W - per meter

400mA / 3680lm / 37W - per meter

Service Life - 70% luminous flux @ 50K hours

Colour Rendering Index - Minimum 80

Colour Temperature - 4000 Kelvin

Ballast - DALI dimmable driver

Dimensions - variable x 60 x 76 mm

Ingress Protection Code - IP40

Colour - Aluminum

