

# Technical Submittal - UCLH P5 33695



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<b>Package Number:</b>	6000
<b>Package Name:</b>	Mechanical & Electrical
<b>Company Name:</b>	Dornan Engineering
<b>Sub Contractor manager:</b>	James Ryan
<b>File Name:</b>	P5-DES-001-ZZ-TS-E-0052
<b>Document Title:</b>	Type G Luminaire
<b>Purpose of Issue:</b>	See Conject for current purpose of issue.

<b>Status by Lead Reviewer:</b>	<b><i>See Conject for current status</i></b>
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<b>Version History</b>			
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"> <li>• P5-ARP-Z0-SP-Z-0011 (Appendix 2 Luminaire Schedule)</li> <li>•</li> <li>•</li> </ul>		
Particular Specification:	<ul style="list-style-type: none"> <li>• P5-ARP-Z0-SP-Z-0004_iss2_revT02</li> <li>•</li> <li>•</li> </ul>		
Materials & Workmanship:	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>		
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"> <li>•</li> <li>•</li> </ul>		
Supplementary Specs:	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>		

## 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 <span style="float: right; border: 1px solid black; padding: 2px 10px;">N</span></p> <p>If no then proposed deviations are:</p>	
Specification Requirement	Proposed Deviation
<p>The specified Type G luminaire is the Kreon Prologe 80.</p>	<p>Artech Flowline offered for the Type G luminaire in line with VE Item M4.</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

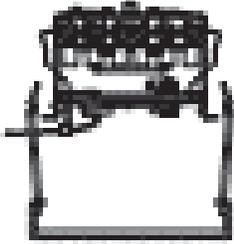
**Luminaire Reference: TYPE G**

### General Description

Recessed linear LED lighting system for continuous application

### General Appearance





**full dimensions**

LxW	562mm x 70mm
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#### 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
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*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.

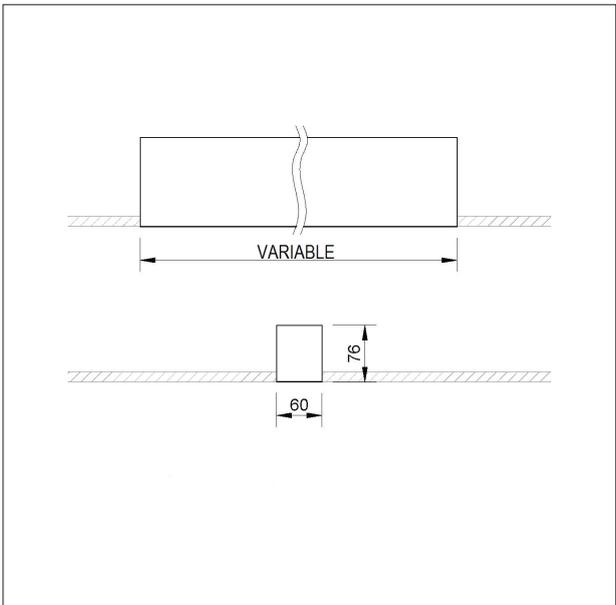
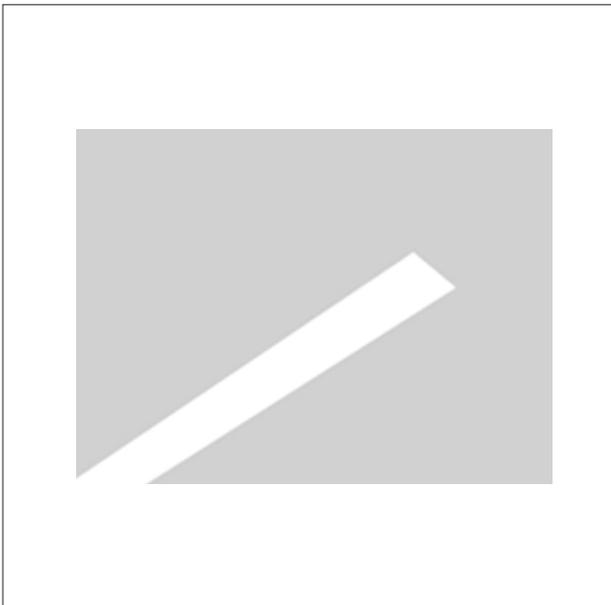
## 2) Catalogue Details

Please refer to next page

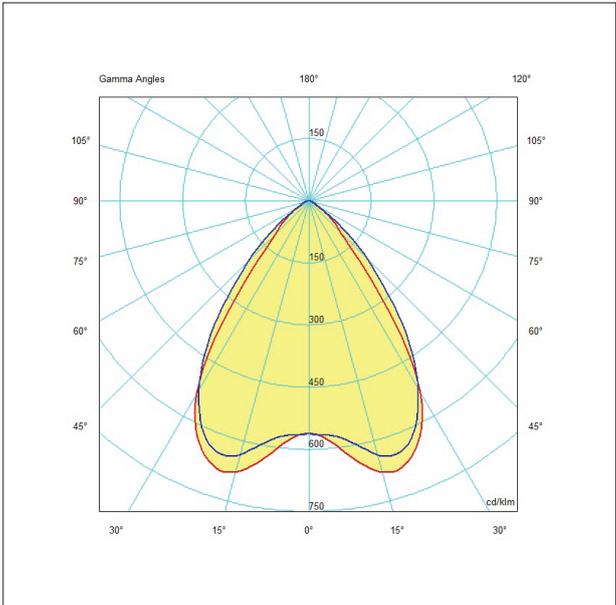


## Artech FlowLine Medium Recessed IP40 LED Luminaire

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



Artech lighting strives to ensure all solutions are supplied with the latest technology, we therefore reserve the right to make technical and design changes without prior notice. Electrical connected load and luminous flux are subject to initial tolerance of up +/- 10%. Color Temperature is subject to a tolerance of +/-150 Kelvin

