

Internal Estate LHS  
Results - Horizontal Illuminance (lux)  
Eav= 9.76  
Emin= 1.93  
Emax= 23.75  
Emin/Emax= 0.08  
Emin/Eav= 0.20  
Emax/Eav= 2.43

Isolated Paths LHS  
Results - Horizontal Illuminance (lux)  
Eav= 7.12  
Emin= 1.39  
Emax= 18.76  
Emin/Emax= 0.07  
Emin/Eav= 0.20  
Emax/Eav= 2.64

Luminaire Data  
Luminaire A BGP703 DX51 Lamp LED-HB 5.2S 730 MF 0.77  
Luminaire B BGP702 DM32 Lamp LED-HB 5.2S 730 MF 0.77  
Luminaire C BGP701 DN11 Lamp LED-HB 5.2S 730 MF 0.77  
Luminaire G BGP701 DM30 Lamp LED-HB 5.2S 730 MF 0.77

- Key
- Luminaire A Column
  - Luminaire B Column
  - Luminaire C Column
  - Luminaire G Column
  - Beam Aiming Target
  - Photometric Centre

Appropriate Lantern cowling to be installed to limit backscatter

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**NOTES:**

All dimensions in metres.  
Do not scale from drawing.  
For any discrepancies found please consult with design office.  
This drawing should be read in conjunction with all design drawings and specifications.  
Drawing for planning purposes only. Not for construction.

**Legend:**

The Contractor should note that the public lighting electrical works must be carried out by Cork County Council's nominated public lighting Sub-Contractor. The Works Contractor shall sub-Contract the relevant electrical Works to this sub-Contractor.

Public Lighting Design is to BS5489, Class2/1.  
Lanterns should comply with IS EN 60598-2-3  
Columns are to have a double locked framed door and should be multisided galvanised to standard specification. Columns shall be manufactured to BS 5649.  
Public lighting to be fed from new power supply connections.

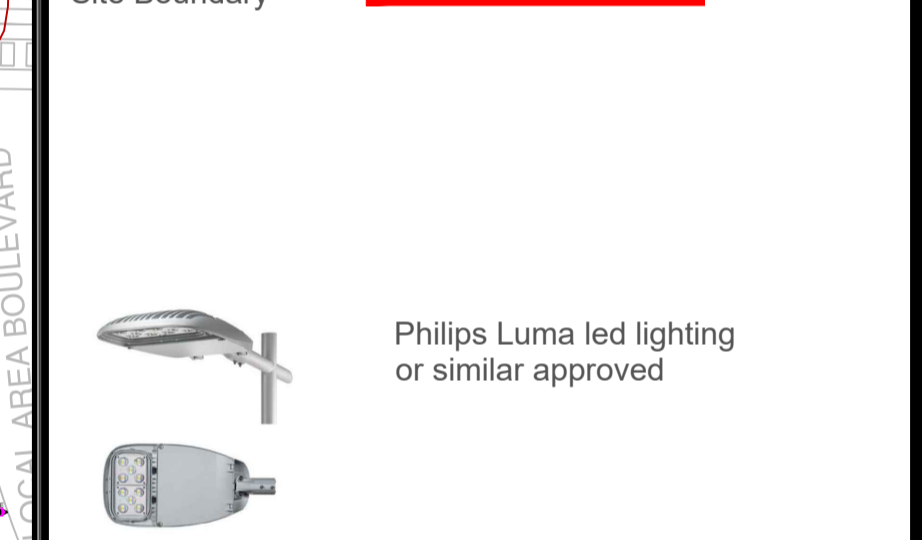
LED lighting shall have a 35Lux on/ 18Lux off dusk to dawn photocell controlled switching regime on roads.

Landscaping offsets from lighting columns as per CCC requirements.

All internal site columns to be 6m in height with 0.5m outreach. Main Road columns to be 8m in height. Road columns at development junction to be 10.0m in height.

Recreational Area lighting columns to be hinged type.

Lighting Design to EN 13201:1-4  
Lighting Classes:  
C3 for Development Junction (Conflict zone)  
P2 for main distributor Roads  
P3 for Housing Estate  
P4 for Recreational Areas  
Site Boundary



Rev. No.	By	Date	Description
03	DM	10/22	Revised PL

Drawing Status: **PLANNING**

Project Title: **RESIDENTIAL DEVELOPMENT, WATER ROCK**

Drawing Title: **Proposed Services- Public Lighting. Sheet 01 of 03**

Client:  
**HAVEN FALLS LTD.**

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Designed: DM	Drawn: DM	Checked: BM
Scale: 1:500 @ A1 1:1000 @ A3	Date: <b>OCT 2022</b>	
Job No. 21154TT	Drawing MHL-WTR-LD-P01	Revision: - 03