

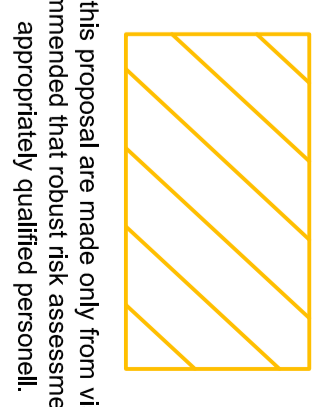


KEY

- MICRO LUMA, R7, 2.0 km, NW
1 lamp(s) per luminaire, 2,000 initial lumens per lamp
Maintenance Factor = 0.875, watts per luminaire = 16w
Number locations = 38, number luminaires = 38
kw (all locations) = 0.608
- 0.68 lux LINE (MINIMUM FOR LIGHTING CLASS P4)
@ 9m MOUNTING HEIGHT
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@ 9m MOUNTING HEIGHT

For final luminaire specification confirmation, quantities and order codes, please contact your local key account manager (KAM)

Potential Hazard Identification



Potential hazards identified on this proposal are made only from visual inspection of the drawings supplied. It is strongly recommended that you should have an independent safety audit by a suitably qualified professional.

Energy Requirements	
Total Project Energy Consumption	608 watts
Anticipated Annual Operating Hours	4,000 Hours
Total Annual Running Cost	£267.52 p.a
Total Life-time Running Cost	£6,668.00

Calculated running costs are based on 0.11pence per kWh over the anticipated annual operating hours. Total lifetime is estimated at 25 years. Calculated results do not take inflation into account. Results are based on the latest energy prices available.

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Project		Innocent Park, Edinburgh
Drawing No.	DSR09749	Rev. No. 0
Originator	Mark Geddes	CDM No. N/A
Key Account Manager	Michael McLaughlin	
Date	26.11.15	Scale 1:500 @ A0
		Sheet 2/2

GENERAL NOTES:

- The Drawing proposal must be read in conjunction with all other relevant project documents.
- Do not scale from this drawing. If in doubt please request further information.
- Drawing proposal shows lighting information and is not meant to be used for installation purposes. For installation purposes, please refer to the relevant drawings and details.
- Equipment used upon customer drawing provided and no survey or site has been carried out. Utility information such as underground and over ground cables and gas pipes etc. will need to be checked on site by installation contractor before excavation or installation.
- Symbol indicates proposed locations of lighting equipment. For further information please refer to the luminaire schedules and details shown.
- Consultant prior to installation. Exact orientation of luminaires to be finalized during final details of electrical engineering associated with lighting works.

MAINTENANCE AND CDM NOTES:

- The lighting installation requires a variety of luminaires types to achieve the desired effect. For more specific recommendations please refer to manufacturers details for application, operation, handling, cleaning and disposal instructions.
- Requires regular cleaning and maintenance. Access arrangements should be in strict accordance with the products access report, method statement and health and safety guidelines.
- All luminaires must be powered up for focusing during the hours of darkness, all the equipment must be fully protected and earthed or grounded at each low voltage circuit or similar device.

DISCLAIMER:

The nominal values shown on this drawing are the result of prediction calculations based upon assumptions made by the designer. The values are not guaranteed and are subject to examination. In practice the values may vary due to tolerances on luminaires, luminaire positioning, reflector properties and electrical supply.

The information contained on this drawing or our proposal does not constitute a design for the purposes of the Construction, Design and Management regulations 2007, therefore the designer does not accept any liability for any loss or damage, whether direct or indirect, arising from the use of the information in this document by any other person.

Philips Lighting (UK) Limited (Philips) provides the attached lighting proposal (Proposal) for the project stated (Project) and customer (Customer) subject to the following limitations: Customer has confirmed that the CDM regulations do not apply to this project. Philips has been provided and the design is therefore based solely on information provided by the customer. Philips Lighting (UK) Limited (Philips) does not accept any liability for any loss or damage produced or not safely implemented in accordance with any laws and regulations. Philips will not be held liable for any risk associated with the implementation of the design.