



**KEY**

- MICRO LUMA, R7, 2.0 lum, NW  
1 lamp(s) per luminaire, 2,000 initial lumens per lamp  
Maintenance Factor = 0.875, watts per luminaire = 16w  
Number locations = 39, number luminaires = 39  
kw (all locations) = 0.638
- 0.68 lux LINE (MINIMUM FOR LIGHTING CLASS P4)  
@ 6m MOUNTING HEIGHT
- 0.68 lux LINE (MINIMUM FOR LIGHTING CLASS P4)  
@ 6m MOUNTING HEIGHT

For final luminaire specification confirmation, quotations 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 conduct a site visit by a suitably qualified personnel.

Energy Requirements	688 watts
Total Project Energy Consumption	688 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 life-time is estimated at 25 years. Calculated results do not take inflation into account. Results are based on the latest energy prices available.

Philips Lighting Solutions  
Philips Centre, Guildford Business Park  
Guildford, Surrey GU2 8XH  
Telephone: 01483 738555 Fax: 01483 575534  
Web: www.philipslighting.co.uk  
LIAS Team Office Telephone 0121 6679552

Project: Innocent Barn, Edinburgh

Drawing No.	DSR09749	Rev. No.	0
Originator	Mark Gaskela	CDP No.	N/A
Key Account Manager	Michelle McLaughlin		
Date	26.11.15	Scale	1:500 @ A0
		Sheet	1/2

**GENERAL NOTES:**

1. This Drawing proposal must be read in conjunction with all other relevant project drawings.
2. Do not scale from this drawing. If in doubt please request further information.
3. Drawing proposal shows lighting information and is not meant to be used for installation purposes. All lighting equipment must be supplied with adequate means for protection during installation.
4. Equipment used upon customer drawing provided and no survey on 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.
5. Symbols indicate proposed locations of lighting equipment. For further information please refer to the luminaire schedules and details shown.
6. Luminaire installation must be carried out in accordance with the lighting schedule. Please refer to the Philips lighting solutions drawings and specifications for details of electrical engineering associated with lighting works.

**MAINTENANCE AND CDN NOTES:**

1. The lighting installation requires a variety of luminaire types to achieve the desired lighting effect. For more specific recommendations please refer to manufacturers details for operation, handling, cleaning and disposal instructions.
2. Luminaire access points should be clearly marked on drawings and safety guidelines requires provisions to be taken. Access arrangements should be in strict accordance with the project access report (method statement and health and safety guidelines).
3. All luminaires must be powered up for focusing during the hours of darkness. All are applicable to the fully enclosed and earthed or grounded at each box voltage.
5. Luminaire access points should be clearly marked on drawings by a competent person or other suitably qualified person.

**DISCLAIMER:**

The proposal shown on this drawing are the result of product calculations based upon the information provided. Philips Lighting Solutions does not warrant or guarantee the accuracy of the information provided. The information contained on this drawing or our proposal does not constitute a design for the purpose of the Construction, Design and Management regulations 2007, therefore the information is provided for information only. Philips Lighting Solutions is not responsible for whether purpose or how-ever the information in this document is used by any other person. Philips Lighting Solutions (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 CDN 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 Solutions does not accept any liability for any loss or damage produced or not safely implemented in compliance with any laws and regulations. Philips will not be held liable for any risk associated with the implementation of the design.