



- ### GENERAL NOTES
1. The site engineer shall ensure that all drawings and associated documentation are fully coordinated and consistent prior to the commencement of any works.
 2. All design documents shall be read in conjunction with one another.
 3. Any discrepancies, ambiguities, or conflicts identified shall be reported immediately to SHD Lighting Consultancy Ltd and the overseeing organisation.
 4. SHD Lighting Consultancy Ltd accepts no responsibility for construction errors or omissions resulting from unreported design issues once works have commenced.
 5. No substitutions of luminaires, drivers, optics, or control equipment shall be made without approval from SHD Lighting Consultancy Ltd. Unapproved substitutions may invalidate compliance with lighting standards and design intent.

Luminaire:

Manufacturer Ref:

Lumen Output:

Charge Code:

Colour Temperature:

Luminous Intensity:

Control Type:

Supply

BEGA wall light
Shielded wall luminaire with
symmetrical light distribution, mounted
at 1800mm from ground level
33 814 K3
0.79klm
42 0010 0000 100 (10w)
Warm White (3000k)
G3
External PIR motion sensor, complete
with manual override function
To be confirmed by others

UNIT IDENTIFICATION KEY:

WL**

Proposed wall lighting unit identification number

ISOLUX CONTOUR KEY (AT GROUND LEVEL):

0.10 Isolux contour line

0.20 Isolux contour line

0.40 Isolux contour line

1.00 Isolux contour line

The luminaires are fitted with a warm white LED light source (3000K color temperature), specifically chosen for its reduced blue light emission to minimize disturbance to local bat populations.

This lighting solution is designed to comply with the recommendations in Guidance Note 08: Bats and Artificial Lighting in the UK, as published by The Institution of Lighting Professionals and the Bat Conservation Trust. The lights are mounted at a 0° angle to the horizontal plane to ensure minimal impact on bat activity.

The horizontal illuminance, shown by the contour lines, represents projected lux values at ground level, excluding any obstructions such as buildings, trees, and hedges that may affect light distribution.

It is assumed that the wall lighting luminaires are to be angled at 0° tilt to the horizontal plane and shall be switched using motion sensors, activated only when vehicles or pedestrians are detected.

Isolux contour lines shown represent a 'day one' worst-case scenario with a maintenance factor of 1.00, as this demonstrates the maximum lumen output not taking into consideration any LED degradation, driver deterioration or weather grime and lens dirt which will occur during the lifespan of the lighting installation.

The details provided on this drawing are subject to comments by all relevant approving authorities and/or any overseeing organisation. It is to be understood that these drawings and the information shown shall not be used for construction.

This drawing should not be used any tendering, procurement of materials or construction until technical approval is received. Should any tendering, procurement, installation or removal works take place prior to obtaining written full technical approval, then it is entirely at risk and SHD Lighting Consultancy Ltd accept no responsibility for these actions.



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PROJECT:	MARCHES ROAD, WARNHAM				
DRAWING:	LIGHT SPILL DRAWING				
CLIENT:	WHITE PLANNING				
DRAWING NUMBER:	SHD2536-SHD-ILG-MARC-DR-EO Lighting Layout (R)		DRAWN:	SRH	
	SHEET 1 OF 1		CHECKED:	SRH	
			APPROVED:		
CONTRACT NUMBER:	SHD2536	DATE:	18/02/2026		
			SCALE @ A1	1:250	
			REVISION:	R0	

NOT TO BE USED FOR CONSTRUCTION