

----- Forwarded Message -----

Subject:Re: Langfords car spares plan for lighting

Date:Wed, 25 Mar 2026 15:29:43 +0000

From:Agnes Rutter <agnes@darwin-ecology.co.uk>
[REDACTED]

Hi Karl

Thank you for sending through the lighting plan and fitting specification for review.

I can confirm I approve the scheme is appropriate and meets the standards suitable for bats and the surrounding habitats. In particular the low level installation, use of PIR, operational hours and the fittings which are warm lighting and directional are excellent mitigation for light spill at the site.

Please take this email as sign off for the plan.

Best regards

Agnes

Agnes Rutter BSc MSc

Ecologist

(She/her)

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Extent of new 2.4m high twin mesh security fence shown dashed

New gate

New gate

New surface water attenuation feature as Drainage Engineer's details

New gate

Existing dense treeline

50W AREA FLEX LED Streetlight with OSRAM Chip 2700K

£27.18

VAT included

The AREA FLEX 50W LED Street Light is a high-performance outdoor luminaire designed for durability, versatility, and exceptional lighting quality. Built from premium aluminum and equipped with the OSRAM DURIS E 2835 chip, it delivers powerful, uniform illumination ideal for public and commercial outdoor spaces.

Its aluminum body and extra-flat design prevents the accumulation of dirt and leaves while maintaining a sleek, modern appearance. The articulated and rotating arm allows for flexible light orientation up to 90° tilt adjustment, ensuring precise illumination for any environment. Thanks to its excellent heat dissipation and IP65 weather protection, the AREA FLEX Street Light guarantees long service life, reduced maintenance, and consistent performance even in harsh outdoor conditions.

Installation Options: wall-mounted, pole-mounted, arm or bracket-mounted

Ideal For: Streets and roads, parks and gardens, pathways and squares, parking areas, outdoor sports facilities and more.

Technical specifications

Rated Power : 50w

Nominal Voltage: 85V-265V

Colour: 2700K

CRI - Chromatic Rendiment Index: 80

Construction Material: Aluminium

Luminosity-Lm: 6000 Lm

Number & Type of LEDs: SMD 2835 OSRAM CHIP

Beam Angle (°): Primary 90° x Secondary 130°

Luminous diodo LED (Lm/W): 150Lm/W

Luminous Efficiency (Lm/W): 120 Lm/W

Certifications: CE - ROHS-TÜV

IP : IP65-Outdoor

Diode Life Expectancy (H): 100.000

Power Factor (PF): 0.9

Frequency (Hz): 50/60Hz

Temperature Range (°C): -20°C ~ +50°C

Starting Time (s): 0,2s

Other Information: Driver Surge Protected: 4K

Impact Protection (IK) : IK10

Energy Rating (2021-UE-2019/2015): A++

Energy Rating (2023 - UE-2019/2015): E

Warranty Years: 3



OSRAM

LEDs
Included

Click to expand

