



Luminaire Schedule					
Symbol	Qty	Label	Arrangement	LLF	Description
●	8	A	SINGLE	0.900	60w 780mA LED Auriga 2.0 post top or side entry 4000k with T4A Optic column mounted at 6m

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Min/Avg
Label	illuminance	Lux	28.31	60	16	0.57
Car Parking	illuminance	Lux	50.02	73	22	0.44
Drive Thru	illuminance	Lux				0.30

BREEAM New Construction 2018 (UK)



Part of the Luceco PLC group of companies



Eurogarages, Asda Wrexham

Qty	Range	Light Source	Lamp Lumens	Circuit Watts	LowV	LOR	Luminaire Lumens	U/LOR	Upward Loss	RA	AST floor Per Day	COF Calculation for year
8	Range 2.0	60w T4A	7800	60	131.00	100.0%	6280	0.0%	0	60	12	1.35
												2102.40

Total Installation Lumens 62800.00

Total ULR 0.00%

Table 1 compliance

Environmental zone

6.3

Total COF per year (Ecozone)

1.35

Day Class	Target	Achieved	Status
	5.00%	0.00%	Fail

Total Electrical consumption (kWh)

0.48

Source Intensity (candelas)	10,000	Pass
Post surface	1,000	Fail

Note: we have not been able to calculate this as no housing is shown on the drawing

Total Electrical consumption per year (kWh)

2,102.40

Light Transmittance into windows (Lvw)	10	Pass
Post surface	2	Fail

Note: we have not been able to calculate this as no housing is shown on the drawing

Average luminaire lumens per circuit Watt

131.00

Building Luminance (cd/m²)	10	Pass
	2	Fail

Compliance Status	Pass
Part 14	Production of night time light pollution
Part 15	Energy efficient external lighting
Part 16	Internal and external lighting levels

Note: HEMSA in this report only applies to external lighting

Kingfisher Lighting Ltd
Ratcliffe Way, Crown Farm Business Park
Mansfield, Nottinghamshire
NG19 0FS

Part of the Luceco plc group of companies

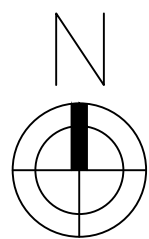


T: +44 (0)1623 415900
E: sales@kingfisherlighting.com
W: www.kingfisherlighting.com

VAT No. 509145848 Company No. 2296337



express electrical



Eurogarages, Asda Wrexham

Scale

1:200 at A1

Project Number

D39128



For our LED lighting designs a 0.9mf has been used. If this differs from the maintenance period for this project then you must advise us accordingly

Date

9 March 2020

Drawing No.

D39128/AE/A

Lighting Designer : A Eldred

A lighting applications design service is provided by us in good faith and without charge, relating to Kingfisher products only. As such, whilst every endeavor is made for accuracy from information provided by yourselves, the final responsibility for the suitability of the design lies with the client. The company cannot, therefore, accept any liability or consequential loss incurred.