



Kingfisher
Lighting

Euro Garages Cleckheaton
Services, Centurion Way
Cleckheaton BD19 3QE

Kingfisherlighting.com

STREET • AMENITY • ARCHITECTURAL • AREA

FAO Tom Ashton

Express Electrical (Stockport)
Unit 9b Bankside Business Park
CORONATION STREET
Off Sandy Lane
STOCKPORT
Cheshire
SK5 7PG

Thursday 7th September 2023

RE – Euro Garages Cleckheaton Services, Centurion Way Cleckheaton BD19 3QE

Dear Tom,

The site has been designed to light the car park to 20lux average with 25% uniformity and the drive through to 50lux average with 40% uniformity. As with all other Euro Garages sites, I have used the Auriga 2.0 on 6m columns.

We trust that the above information is satisfactory. If you have any further questions, please don't hesitate to contact me on either 01623 415 900 or projectdesign@kingfisherlighting.com

Yours sincerely

Alex Eldred

Lighting Applications Engineer

Dimensions are not to be scaled from this drawing



Kingfisher Lighting

Part of the Luceco PLC group of companies **LUCECO**

Symbol	Qty	Label	Arrangement	LF	Description	Luminaire LxW	WVA	WVA % (Max)
	1	A	SHGLC	0.000	60w LED 4000K Aavgpl 2.0 8000lm per foot or side entry with TNA optic colour rendered as 60w	100	N/A	
	1	B	SHGLC	0.000	60w LED 4000K Aavgpl 2.0 8000lm per foot or side entry 4000 with TNA optic colour rendered as 60w	100	0.00	

Label	CalcType	Units	Min	Max	Underfoot (Min/Max)	Street (Min/Max)	Mount Type	Description
Car Park	Normalise	Lux	20.0	50.0	0.01	0.11	Recessed	
Drive Way	Normalise	Lux	10.0	25.0	0.00	0.08	Recessed	

BREEAM New Construction 2018 (UK)



S0459 Euro Garages Cleckheaton Services, Centurion Way Cleckheaton BD19 3QE

Colour Temperature (K)	Qty	Range	Light Source	Luminaires (Qty)	Watts (W)	lm/W	LCR	Total Lumens	UGR	Upward Lumens	CB	** AAT Hour Per Day	CO ₂ Calculation For A Year (kWh/Year)	
4000	7	Aavgpl 2.0 PS	60w LED T8AP	8347	60	135.70	100%	53029	0.4%	228	>10	12	0.39	1039.80
4000	5	Aavgpl 2.0 PS	60w LED T8AP	8240	60	137.03	100%	41200	0.4%	185	>10	12	0.28	1354.00

Category	Target	Achieved	Status
Table 1 Compliance			
Environmental Zone	E3		
Day Glare	5.00%	0.40%	Pass
Source Intensity (candelas)			
Foot Curbow	20,000		Pass
Foot Curbow	1,000		Pass
Light Trespass into Windows (Lux)			
Foot Curbow	10		Pass
Foot Curbow	2		Pass
Building Luminance (cd/m ²)	10		Pass



A0



Euro Garages Cleckheaton Services, Centurion Way Cleckheaton BD19 3QE	Scale 1:200 at A0	Project Number DS0459
HEA Highway Electrical Association	Date 7 September 2023	Drawing No. DS0459/AE/A
HEMSA Highway Electrical Manufacturers Society	Lighting Designer : A Eldred	

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Datasheet

AURIGA 2.0



Product Description

A functional and contemporary luminaire suitable for a variety of applications. AURIGA 2.0 also comes in a stirrup mounted version.

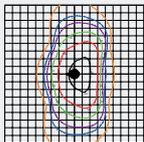
Specification Text

The luminaire shall be manufactured from high-pressure die-cast aluminium. It shall have an LED efficacy of up to 141.0 lm/W and will be capable of producing up to 16,920 luminaire lumens at 4000K with a CRI >70. It shall have asymmetric and symmetric optics and is rated at IP66 and IK08.

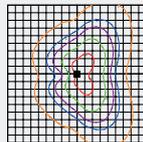
Specification

Weight:	9.5 - 11.0kg
Windage:	0.08 - 0.11m ²
Material:	Die-cast Aluminium
Paint Finish:	RAL7016 Anthracite Grey Finish
Embodied Carbon:	142 - 223kg CO ² e

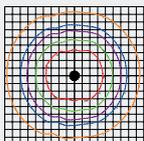
Optics



Asymmetrical Street
Optic - Wide



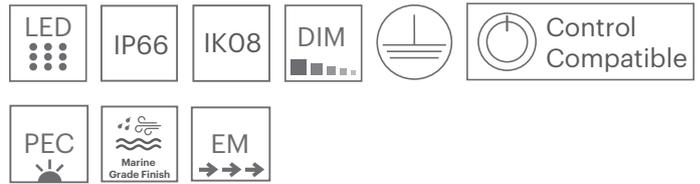
Asymmetrical Street
Optic - Area



Symmetrical 90° Optic

Key Features

- 22.0 - 120.0W
- 2,970 - 16,920 Luminaire Lumens
- Efficacy up to 141.0 lm/W
- 4000K, CRI >70
- Lifetime >100,000hr, L70



Accessories & Options

Mounting Options

- Post Top 60/76mm, Side Entry 60/76mm
- [Contact for details](#)

Other Options

- Part Night Dimming
 - Wireless Controls
 - Colour Temperature Option
 - Photocell Option
 - Emergency Option
 - Comfort Option
- [Contact for details](#)

Circular Economy Score

0 to 0.5	Very poor circular economy performance
0.5 to 1.5	Some circular economy functionality
1.5 to 2.5	Definite/ substantial progress to circularity
2.5 to 4.0	Excellent circularity

Code	Power	Luminaire Lumens	Drive Current	Optic	CCT(K)	IP	IK	Weight kg	Paint Finish	Driver Included
AURPS22T3AF	22.0	3,021	460	Asymmetrical Street Optic - Wide	4000	IP66	IK08	9.5	RAL7016 Anthracite Grey	Driver Inc
AURPS40T3AF	40.0	5,493	805		4000	IP66	IK08	9.5	RAL7016 Anthracite Grey	Driver Inc
AURPS60T3AF	60.0	8,240	805		4000	IP66	IK08	9.5	RAL7016 Anthracite Grey	Driver Inc
AURST22T1F	22.0	2,970	460	Symmetrical 90° Optic	4000	IP66	IK08	11.0	RAL7016 Anthracite Grey	Driver Inc
AURST40T1F	40.0	5,400	805		4000	IP66	IK08	11.0	RAL7016 Anthracite Grey	Driver Inc
AURST60T1F	60.0	7,950	805		4000	IP66	IK08	11.0	RAL7016 Anthracite Grey	Driver Inc
AURPS80T4AF	80.0	11,280	555	Asymmetrical Street Optic - Area	4000	IP66	IK08	11.5	RAL7016 Anthracite Grey	Driver Inc
AURPS90T4AF	90.0	12,690	620		4000	IP66	IK08	11.5	RAL7016 Anthracite Grey	Driver Inc
AURPS120T4AF	120.0	16,920	808		4000	IP66	IK08	11.5	RAL7016 Anthracite Grey	Driver Inc



Dimensions

