

Dimensions are not to be scaled from this drawing



Kingfisher Lighting

Part of the Luceco PLC group of companies



Luminaires Schedule						
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
1	4	AW	SINGLE	36536	0.900	250w LED 4000K Zactis 645mA Floodlight with FW70 Optic wall mounted at 10m
2	2	B	SINGLE	22800	0.900	160w LED 4000K Zactis 805mA Floodlight with FW70 Optic column mounted at 10m
3	8	B SS	SINGLE	22800	0.900	160w LED 4000K Zactis 805mA Floodlight with FW70 Optic column mounted at 10m
4	3	BW	SINGLE	22800	0.900	160w LED 4000K Zactis 805mA Floodlight with FW70 Optic wall mounted at 10m
5	6	C	SINGLE	5880	0.900	40w LED 4000K Viva City Pro 805mA with FW70 Optic column mounted at 6m
6	1	C2	BACK-BAK	5880	0.900	2x 40w LED 4000K Viva City Pro 805mA with FW70 Optic column mounted at 6m
7	4	CW	SINGLE	5880	0.900	40w LED 4000K Viva City Pro 805mA with FW70 Optic wall mounted at 6m
8	2	EW	SINGLE	3000	0.900	24w 4000K LED Semita Urban bulkhead with flood optic wall mounted at 6 & 3.5m

Calculation Summary

Project: Unit 1						
Lamp	CacType	Units	Avg	Max	Min	Min/Avg
Unit 1 Car Park	Illuminance	Lux	18.62	46	5	0.27
Unit 1 Entrance	Illuminance	Lux	81.33	114	57	0.70
Unit 1 Loading Bays	Illuminance	Lux	53.72	63	40	0.74
Unit 1 Service Yard	Illuminance	Lux	31.02	64	13	0.42

BREEAM New Construction 2018 (UK)



Prologis, Iron Bridge Road, Stockley Park West, Hayes Unit 1 - Former GSK

Qty	Range	Light Source	Lamp Lumens	Output Watts	LLF	Lux	Luminaire Lumens	Spill Lumens	RA	GLT Watt Per Day	CO2 (kWh/m2)	Hourly
4	2x4m	250w LED PROLOGIS	36536	250	0.900	100.00	14624	0.0%	0	40	1.85	4880.00
13	2x4m	160w LED PROLOGIS	22800	160	0.900	100.00	25680	0.0%	0	20	0.91	23544.00
12	2x4m City PRO	40w LED CITY PRO	5880	40	0.900	100.00	5292	0.0%	0	10	0.45	1163.00
2	2x4m City PRO	40w LED CITY PRO	5880	40	0.900	100.00	5292	0.0%	0	10	0.45	240.00

Total Installation Lumens	36536	Total Lux	5.85
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Class 1 compliance				Total CO2 per year (kWh/m2)				5.85		
Environmental zone				E3						
Site Size				Target	Achieved	Status	Total Electrical consumption (kWh)		5.85	
				0.00m	0.00m	Pass	Total Electrical consumption per year (kWh)		10,836.50	
Energy efficiency provisions				Average sub-meter kWh per client area						102.03
Power density				0.000		Pass	Note: we have not been able to calculate this as we have not been able to determine the drawing Note: we have not been able to calculate this as we have not been able to determine the drawing			
Power density				0.000		Pass				
Light trespass provisions				0		Pass	Note: we have not been able to calculate this as we have not been able to determine the drawing Note: we have not been able to calculate this as we have not been able to determine the drawing			
Light trespass				0		Pass				
Building luminance provisions				30		Pass				
Emergency escape routes				0.000		Pass				
Emergency escape routes				0.000		Pass				
Emergency escape routes				0.000		Pass				
Emergency escape routes				0.000		Pass				

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Prologis, Iron Bridge Road, Stockley Park West,
Hayes Unit 1 & 2 - Former GSK



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

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.