

Dimensions are not to be scaled from this drawing



Kingfisher Lighting

Part of the Luceco PLC group of companies LUCECO



BREEAM New Construction 2018 (UK)

D48966/C Portslade Village Centre

Colour Temperature (K)	Qty	Range	Light Source	Luminaire Lumens (lm)	Watts (W)	lm/W	LOK	Total Lumens	UORL	Upward Lumens	CU	** AAI	CO2 Emission	kWh/Year
2700	6	Viva City PRO	40W LED FWB70	4075	40	101.88	100%	24450	0.0%	0	>70	12	0.22	1051.20
2700	4	Viva City PRO	40W LED AFB70	3108	40	62.70	100%	12432	0.0%	0	>70	12	0.15	706.80
2700	8	Viva City PRO	20W LED AFB70	1622	20	66.20	100%	5296	0.0%	0	>70	12	0.07	356.40
2700	14	Semita Urban	6W LED OC	609	6	114.83	100%	8466	0.0%	0	>70	12	0.06	287.82
2700	5	Semita Urban	6W LED FL	697	6	116.17	100%	3485	0.0%	0	>70	12	0.03	131.40
2700	10	Valo	VALO-70x-90 (3.5m)	384	5	76.11	100%	3840	1.1%	42	>70	12	0.05	236.32

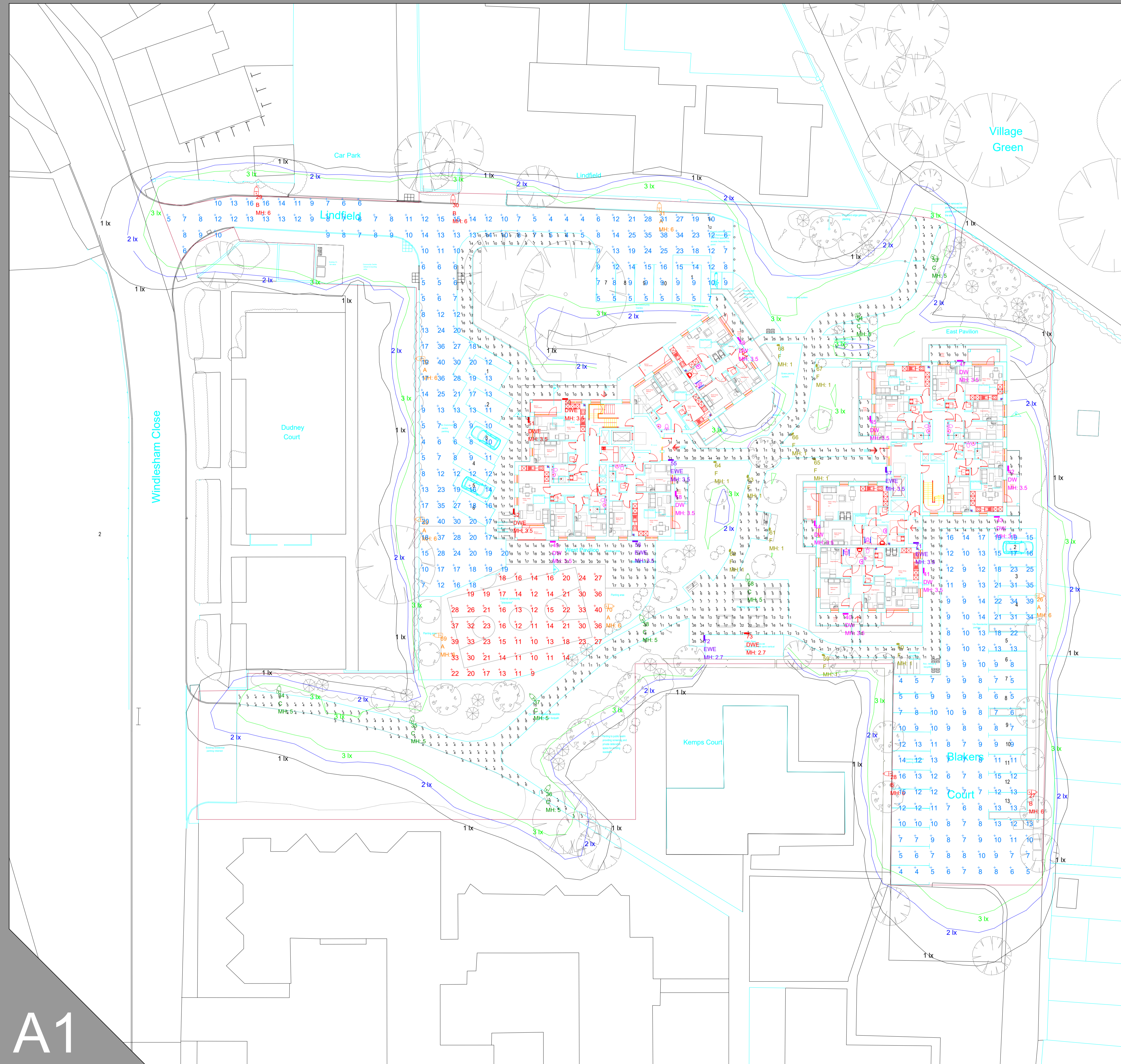
UMS - 2015

Table 1 Compliance	Target	Achieved	Status
Environmental Zone	E3	E3	Pass
Sky Glow	2.00%	0.07%	Pass
Source Intensity (Candelas)	10,000	45	Pass
Post-Curb	1,000	45	Pass
Light Transmittance (Window)	0	0	Pass
Post-Curb	2	0	Pass
Building Luminaire (lm/m²)	10		Pass

Luminaire Schedule

Symbol	Qty	Label	Arrangement	LLF	Description
<A>	6	A	SINGLE	0.900	40W LED 2700K VIVA-CITY Pro 1050mA with FWB70 forward throw optic column mounted at 6m
	4	B	SINGLE	0.900	40W LED 2700K VIVA-CITY Pro 1050mA with AFB70 street optic column mounted at 6m
<C>	8	C	SINGLE	0.900	10W LED 2700K VIVA-CITY Pro 400mA with AFB70 street optic column mounted at 6m
<D>	10	DW	SINGLE	0.900	6W LED 2700K 205mA SEMITA Urban with OC path optic wall mounted at 3.5m
<E>	4	DWE	SINGLE	0.900	6W LED 2700K 205mA SEMITA Urban Emergency with OC path optic wall mounted at 2.7m & 3.5m
<F>	5	EW	SINGLE	0.900	6W LED 2700K 205mA SEMITA Urban with FL flood optic wall mounted at 2.7m & 3.5m
<G>	10	F	SINGLE	0.900	5.4W LED 2700K 200mA VALO 1m high bollard with asymmetric AY optic

Label	CalcType	Units	Avg	Max	Min	Uniformity	Diversity
External PlaySpace	Illuminance	Lux	20.38	40	9	0.44	2.23
Parking Areas	Illuminance	Lux	12.56	40	4	0.32	0.10
Pedestrian Walkways	Illuminance	Lux	10.90	56	3	0.28	0.05
ObstructiveLight_1_Col_Seg1	Obstructive - Cd	N.A.	15.17	12	1	0.19	0.08
ObstructiveLight_1_Col_Seg2	Obstructive - Cd	N.A.	2.17	5	0	0.00	0.00
ObstructiveLight_1_III_Seg1	Obstructive - III	Lux	0.00	0	0	N.A.	N.A.
ObstructiveLight_1_III_Seg2	Obstructive - III	Lux	0.00	0	0	N.A.	N.A.
ObstructiveLight_2_Col_Seg1	Obstructive - Cd	N.A.	3.85	16	0	0.00	0.00
ObstructiveLight_2_III_Seg1	Obstructive - III	Lux	0.00	0	0	N.A.	N.A.
ObstructiveLight_2_III_Seg2	Obstructive - III	Lux	0.00	0	0	N.A.	N.A.
ObstructiveLight_3_Col_Seg1	Obstructive - Cd	N.A.	14.18	48	1	0.07	0.02
ObstructiveLight_3_III_Seg1	Obstructive - III	Lux	3.11	10	0	0.00	0.00
ObstructiveLight_3_III_Seg2	Obstructive - III	Lux	0.00	0	0	N.A.	N.A.



A1

Portslade Village Centre		Scale	Project Number
		1: 250 at A1	D48966C
For our LED lighting designs a 0.9m has been used. If this differs from the maintenance period for this project then you must advise us accordingly.		Date	Drawing No.
		6 November 2023	D48966/UB/C
		Lighting Designer : Jamie Buck MSL	

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.