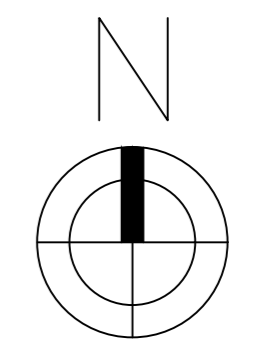


Symbol	Qty	Label	Arrangement	LLF	Description
34	A	SINGLE	0.900	17w LED 4000K (4 module) 700mA Halo 1 with S05 Optic column mounted at 6m.	
35	B	BACK-BACK	0.900	17w LED 4000K (4 module) 700mA Halo 1 with S05 Optic column mounted at 6m.	
185	D	SINGLE	0.900	18.9W LED 4000K Viva City Flood 585mA with FW70 Optic wall mounted at various heights.	
23	D2	SINGLE	0.900	117W LED 4000K Viva City Flood 700mA with FW70 Optic wall mounted at 12.5m.	
54	E	SINGLE	0.900	30.5W LED 4000K (2 module) S25mA Halo 1 with S05 Optic fence mounted at 5m.	
12	E2	SINGLE	0.900	52w LED 4000K (1 module) 700mA Halo 1 with ASP-7W Optic fence mounted at 5m.	
31	F	SINGLE	0.900	18.9W LED 4000K (3 module) 700mA Halo 1 with S05 Optic column mounted at 6m.	
36	G	TWIN 45 DEGREE	0.900	30.5W LED 4000K (2 module) S25mA Halo 1 with S05 Optic column mounted at 6m.	
45	H	SINGLE	0.900	15w LED Fortis Wall Pack mounted at 2.5m.	
16	I	TWIN 25 DEGREE	0.900	117W LED 4000K Viva City Flood 700mA with FL50 Optic column mounted at 6m.	

Label	CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max
Asp Step to Inner Fence	Lux	0.000	12.26	28	9	0.41	0.18
Adjacent Housing Estate Vertical_Cd	Obtrusive - Cd	N/A	3392	3474	3237	0.96	0.93
Adjacent Housing Estate Vertical_Cd	Obtrusive - Cd	N/A	3295	3494	2893	0.88	0.83
Adjacent Housing Estate Vertical_Cd	Obtrusive - Cd	N/A	1671	421	24	0.28	0.09
Adjacent Housing Estate Vertical_Cd	Obtrusive - Cd	N/A	3315	3430	3180	0.96	0.93
Adjacent Housing Estate Vertical_Cd	Obtrusive - Cd	N/A	4349	82	24	0.56	0.29
Adjacent Housing Estate Vertical_II	Obtrusive - II	Lux	1.15	3	0	0.90	0.00
Adjacent Housing Estate Vertical_II	Obtrusive - II	Lux	2.48	3	1	0.40	0.33
Adjacent Housing Estate Vertical_II	Obtrusive - II	Lux	0.00	0	N/A	N/A	N/A
Adjacent Housing Estate Vertical_II	Obtrusive - II	Lux	0.26	1	0	0.90	0.00
Adjacent Housing Estate Vertical_II	Obtrusive - II	Lux	0.90	0	0	N/A	N/A
Around C&S	Lux	17.64	43	7	0.40	0.18	
Around Entrance Resource Hub	Lux	17.73	34	6	0.34	0.18	
Around Houseblocks	Lux	22.11	96	5	0.23	0.05	
Around Housing Building	Lux	22.67	45	8	0.35	0.18	
Around Substations	Lux	31.41	88	7	0.22	0.08	
Around Support Building	Lux	17.64	33	7	0.40	0.21	
Around Warehouse Building	Lux	17.40	35	5	0.29	0.14	
Below Central Svs Hub	Lux	15.88	34	10	0.63	0.29	
Car Park	Lux	20.68	74	8	0.38	0.08	
Fence Zone 1_III_Seg1	Obtrusive - III	Lux	11.38	16	9	0.79	0.56
Fence Zone 1_III_Seg10	Obtrusive - III	Lux	22.55	32	16	0.71	0.50
Fence Zone 1_III_Seg11	Obtrusive - III	Lux	26.11	39	16	0.61	0.41
Fence Zone 1_III_Seg12	Obtrusive - III	Lux	17.18	26	13	0.78	0.50
Fence Zone 1_III_Seg13	Obtrusive - III	Lux	19.36	28	13	0.67	0.46
Fence Zone 1_III_Seg14	Obtrusive - III	Lux	15.84	26	10	0.63	0.38
Fence Zone 1_III_Seg15	Obtrusive - III	Lux	21.39	27	16	0.75	0.59
Fence Zone 1_III_Seg16	Obtrusive - III	Lux	15.13	29	9	0.58	0.21
Fence Zone 1_III_Seg17	Obtrusive - III	Lux	15.07	26	10	0.66	0.38
Fence Zone 1_III_Seg18	Obtrusive - III	Lux	14.01	26	6	0.43	0.23
Fence Zone 1_III_Seg19	Obtrusive - III	Lux	14.32	26	9	0.63	0.36
Fence Zone 1_III_Seg2	Obtrusive - III	Lux	22.16	37	11	0.50	0.30
Fence Zone 1_III_Seg20	Obtrusive - III	Lux	18.96	20	9	0.56	0.45
Fence Zone 1_III_Seg3	Obtrusive - III	Lux	23.13	31	18	0.78	0.58
Fence Zone 1_III_Seg4	Obtrusive - III	Lux	15.36	19	13	0.85	0.68
Fence Zone 1_III_Seg5	Obtrusive - III	Lux	16.86	29	9	0.54	0.38
Fence Zone 1_III_Seg6	Obtrusive - III	Lux	20.94	29	14	0.67	0.54
Fence Zone 1_III_Seg7	Obtrusive - III	Lux	23.32	40	11	0.47	0.28
Fence Zone 1_III_Seg8	Obtrusive - III	Lux	22.03	25	21	0.93	0.84
Fence Zone 1_III_Seg9	Obtrusive - III	Lux	22.41	34	15	0.67	0.44
Fence Zone 1_III_Seg1	Obtrusive - III	Lux	16.34	38	10	0.61	0.28
Fence Zone 2_III_Seg10	Obtrusive - III	Lux	24.62	38	15	0.60	0.39
Fence Zone 2_III_Seg11	Obtrusive - III	Lux	29.67	55	11	0.37	0.20
Fence Zone 2_III_Seg12	Obtrusive - III	Lux	24.50	38	15	0.61	0.39
Fence Zone 2_III_Seg13	Obtrusive - III	Lux	22.85	42	10	0.48	0.24
Fence Zone 2_III_Seg14	Obtrusive - III	Lux	19.72	39	8	0.41	0.21
Fence Zone 2_III_Seg15	Obtrusive - III	Lux	28.11	41	17	0.58	0.41
Fence Zone 2_III_Seg16	Obtrusive - III	Lux	19.42	41	8	0.41	0.20
Fence Zone 2_III_Seg17	Obtrusive - III	Lux	21.43	37	12	0.56	0.32
Fence Zone 2_III_Seg18	Obtrusive - III	Lux	19.59	41	7	0.38	0.17
Fence Zone 2_III_Seg19	Obtrusive - III	Lux	19.20	38	8	0.42	0.21
Fence Zone 2_III_Seg2	Obtrusive - III	Lux	28.61	54	10	0.36	0.19
Fence Zone 2_III_Seg20	Obtrusive - III	Lux	23.62	36	12	0.50	0.33
Fence Zone 2_III_Seg3	Obtrusive - III	Lux	33.60	43	21	0.63	0.49
Fence Zone 2_III_Seg4	Obtrusive - III	Lux	20.88	35	10	0.48	0.29
Fence Zone 2_III_Seg5	Obtrusive - III	Lux	19.43	39	5	0.26	0.13
Fence Zone 2_III_Seg6	Obtrusive - III	Lux	26.42	39	14	0.53	0.36
Fence Zone 2_III_Seg7	Obtrusive - III	Lux	26.65	35	7	0.26	0.13
Fence Zone 2_III_Seg8	Obtrusive - III	Lux	32.60	41	24	0.74	0.59
Fence Zone 2_III_Seg9	Obtrusive - III	Lux	25.42	49	10	0.39	0.20
Inner Fence Central Roadway	Lux	21.51	79	8	0.37	0.10	
Mobile Scanning Unit	Lux	20.72	33	12	0.58	0.36	
Mobile Scanning Unit	Lux	16.60	29	9	0.56	0.21	
MUGA Block A & B	Lux	128.00	163	106	0.83	0.65	
MUGA Block C & D	Lux	131.69	157	103	0.78	0.66	
MUGA Block C & E	Lux	117.03	152	97	0.83	0.64	
MUGA Block F & G	Lux	123.84	162	99	0.80	0.61	
Perimeter Fence Open Areas	Lux	16.67	40	5	0.30	0.13	
Water Storage Compound	Lux	13.51	29	8	0.59	0.28	
Yard Between CR Svs & Supp Bld	Lux	15.29	58	6	0.39	0.10	



BREEAM New Construction 2018 (UK)

Kingfisher Lighting

Project Status: RIBA Stage 2

Client: Ministry of Justice, New Prisons Programme

Project Name / Site: New Prisons Programme, Garth Wymott 2

Project Address: Site Adjacent to HMP Garth & HMP Wymott

Building Type: Site Infrastructure

Drawing Title: External Lighting Layout - Sheet 01

Originator Logo: PICK EVERARD

Drawn By: CJR Date: 12.04.21

Checked By: AR Date: 12.04.21

Approved By: AR Date: 12.04.21

Drawing Number: 608623-0000-PEV-GHX0011-ZZ-DR-E-6310 [D0100]

Sheet No. 1 of 3 Scale: @AO P02

Data Handling Classification: OFFICIAL