LUMINAIRE SCHEDULE

A2	Holophane Denver Post Mounted		Holophane Lighting	Holophane double arm Denver fitting consisting of a 2 Part body and a removable LED module manufactured from marine grade die-cast aluminium with intergrated thermal management properties. IP65 and IK10 rated. Asymetric light distribution.Silver fitting (RAL 9006) and post.	4038lm	2700k	30w	N/A	4m Post Mounted	472mm x 144mm x 116mm
B1	Holophane Denver Post Mounted		Holophane Lighting	Holophane single arm Denver fitting consisting of a 2 Part body and a removable LED module manufactured from marine grade die-cast aluminium with intergrated thermal management properties. IP65 and IK10 rated. Forward light distribution. Silver fitting (RAL 9006) and post.	2920lm	2700k	24w	N/A	4m Post Mounted	472mm x 144mm x 116mm
B2	Holophane Denver Post Mounted		Holophane Lighting	Holophane double arm Denver fitting consisting of a 2 Part body and a removable LED module manufactured from marine grade die-cast aluminium with intergrated thermal management properties. IP65 and IK10 rated. Forward light distribution. Silver fitting (RAL 9006) and post.	2920lm	2700k	24w	N/A	4m Post Mounted	472mm x 144mm x 116mm
C1	Holophane Denver Post Mounted		Holophane Lighting	Holophane single Denver fitting consisting of a 2 Part body and a removable LED module manufactured from marine grade die-cast aluminium with intergrated thermal management properties. IP65 and IK10 rated. Asymetric light distribution.Silver fitting (RAL 9006) and post.	2878lm	2700k	24w	N/A	4m Post Mounted	472mm x 144mm x 116mm
C2	Holophane Denver Post Mounted		Holophane Lighting	Holophane double Denver fitting consisting of a 2 Part body and a removable LED module manufactured from marine grade die-cast aluminium with intergrated thermal management properties. IP65 and IK10 rated. Asymetric light distribution.Silver fitting (RAL 9006) and post.	2878lm	2700k	24w	N/A	4m Post Mounted	472mm x 144mm x 116mm
D1	Holophane Denver Post Mounted		Holophane Lighting	Holophane single Denver fitting consisting of a 2 Part body and a removable LED module manufactured from marine grade die-cast aluminium with intergrated thermal management properties. IP65 and IK10 rated. Forward throw light distribution.Silver fitting (RAL 9006) and post.	1959lm	2700k	15w	N/A	4m Post Mounted	472mm x 144mm x 116mm
E1	Holophane Denver Post Mounted		Holophane Lighting	Holophane single Denver fitting consisting of a 2 Part body and a removable LED module manufactured from marine grade die-cast aluminium with intergrated thermal management properties. IP65 and IK10 rated. Long and Narrow light distribution.Silver fitting (RAL 9006) and post.	2005lm	2700k	15w	N/A	4m Post Mounted	472mm x 144mm x 116mm
E2	Holophane Denver Post Mounted		Holophane Lighting	Holophane double Denver fitting consisting of a 2 Part body and a removable LED module manufactured from marine grade die-cast aluminium with intergrated thermal management properties. IP65 and IK10 rated. Long and Narrow light distribution.Silver fitting (RAL 9006) and post.	2005lm	2700k	15w	N/A	4m Post Mounted	472mm x 144mm x 116mm
F	Holophane Denver Wall Mounted		Holophane Lighting	Holophane Denver wall mounted fitting consisting of a 2 Part body and a removable LED module manufactured from marine grade die-cast aluminium with intergrated thermal management properties. IP65 and IK10 rated. Forward throw light distribution.Silver fitting (RAL 9006) and post.	2223lm	2700k	18w	N/A	Wall Mounted @4m	309mm x 157mm x 214mm
G	Holophane Denver Wall Mounted		Holophane Lighting	Holophane Denver wall mounted fitting consisting of a 2 Part body and a removable LED module manufactured from marine grade die-cast aluminium with intergrated thermal management properties. IP65 and IK10 rated. Forward throw light distribution.Silver fitting (RAL 9006) and post.	1350lm	2700k	11w	N/A	Wall Mounted @7m	309mm x 157mm x 214mm
H	Holophane Denver Wall Mounted		Holophane Lighting	Holophane Denver wall mounted fitting consisting of a 2 Part body and a removable LED module manufactured from marine grade die-cast aluminium with intergrated thermal management properties. IP65 and IK10 rated. High beam long and narrow distribution.Silver fitting (RAL 9006) and post.	799lm	2700k	7w	N/A	Wall Mounted @3m	309mm x 157mm x 214mm
I	Holophane Denver Wall Mounted		Holophane Lighting	Holophane Denver wall mounted fitting consisting of a 2 Part body and a removable LED module manufactured from marine grade die-cast aluminium with intergrated thermal management properties. IP65 and IK10 rated. Forward throw light distribution.Silver fitting (RAL 9006) and post.	806lm	2700k	7w	N/A	Wall Mounted	309mm x 157mm x 214mm
K	Holophane Micro Ceiling Recessed		Holophane Lighting	Holophane Micro Ceiling Recessed fitting corrosion resistant fitting. Stainless steel closing ring (ABI316L) with 8mm tempered glass. IP68 rated. 44 degree beam.	440lm	2700k	5w	N/A	Ceiling Mounted	95mm x 88mm

Statistics

Description	Symbol	Avg	Min	Min/Avg
Car Parks Access - 10/0.40Uo	+	11 lux	5 lux	0.45
Inner Courtyards - 5/0.25Uo	+	5 lux	2 lux	0.40
Main Car Park 10/0.25Uo	+	12 lux	3 lux	0.25
Outdoor Teaching Areas (NW)	+	8 lux	4 lux	0.50
Outdoor Teaching Areas (SW)	+	9 lux	4 lux	0.44
Outdoor Teaching Areas (SW) Under Soffits	+	50 lux	13 lux	0.26
Outdoor Teaching Areas ALL (SW)	+	17 lux	4 lux	0.24
Pathways 5/0.25Uo	+	8 lux	2 lux	0.25
Play Area	+	8 lux	2 lux	0.25

LEGEND

SYMBOL	DESCRIPTION
EVC	ELECTRIC VEHICLE CHARGER
PEVP	PROPOSED EVACUATION POINT

Schedule

Symbol	Label	QTY	Manufacturer	Catalog	Description	Input Power
	A2	3	HOLOPHANE EUROPE LIMITED	2 x DPL.1LA042.AY.W030 on 4m Column	Denver iD Post Top Fitting	60
	B1	4	HOLOPHANE EUROPE LIMITED	1 x DPL.1LA032.FW.W024 on 4m Column	Denver iD Post Top Fitting	24
	C1	6	HOLOPHANE EUROPE LIMITED	1 x DPL.1LA032.AY.W024 4m Column	Denver iD Post Top Fitting	24
	C2	11	HOLOPHANE EUROPE LIMITED	2 x DPL.1LA032.AY.W024 on 4m Column	Denver iD Post Top Fitting	48
	D1	6	HOLOPHANE EUROPE LIMITED	1 x DPL.1LA022.FW.W015 on 4m Column	Denver iD Post Top Fitting	15
	E1	10	HOLOPHANE EUROPE LIMITED	1 x DPL.1LA022.NR.W015 on 4m Column	Denver iD Post Top Fitting	15
	E2	3	HOLOPHANE EUROPE LIMITED	2 x DPL.1LA022.NR.W015 on 4m Column	Denver iD Post Top Fitting	30
	F	3	HOLOPHANE EUROPE LIMITED	DWL.1LA032.FW.W018 at 4m AFFL	Denver iD Wall	18
	G	3	HOLOPHANE EUROPE LIMITED	DWL.1LA022.FW.W011 at 7m AFFL	Denver iD Wall	10.3
	H	2	HOLOPHANE EUROPE LIMITED	DWL.1LA012.HN.W007 at 3m AFFL	Denver iD Wall	6.5
	I	27	HOLOPHANE EUROPE LIMITED	DWL.1LA012.FW.W007 at Height Shown AFFL	Denver iD Wall	6.5
	K	15	HOLOPHANE EUROPE LIMITED	PBHD.900IS.8430998	MICRO D/light 3 LED (5.9W - 2700K) Wide 220-240V 0/50/60Hz	5.9

NOTES

1. FOR BUILDING SERVICES INFORMATION ONLY.
2. THIS DRAWING SHALL BE READ IN COLOUR..
3. ALL BUILDING FABRIC PENETRATIONS SHALL BE SEALED IN ACCORDANCE TO THE BUILDING FABRIC MANUFACTURERS SPECIFICATION AND REQUIREMENTS TO ENSURE THE FIRE RESISTANCE AND/OR FIRE-RETARDANT CHARACTERISTICS AND WEATHER RESISTANCE CHARACTERISTIC OF SUCH MATERIALS ARE NOT COMPROMISED. EXACT FIRE AND WEATHER SEALING DETAILS ARE A CONTRACTOR DESIGN ELEMENT.
4. EXTERNAL LIGHTING SHALL BE CONTROLLED VIA TIME SWITCH AND PHOTOCELL COMPLETE WITH MANUAL OVERRIDE SWITCH.
5. THE POWER & DISTRIBUTION INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THIS DRAWING, THE LATEST EDITION OF BS7671 THE IET WIRING REGULATIONS AND ALL OTHER TENDER DOCUMENTS.
6. ALL FITTINGS TO BE 2700K COLOUR.
7. ALL POSTS WITHIN THE CAR PARK TO BE 4m.
8. LIGHTS WITHIN THE CAR PARK HAVE BEEN DESIGNED TO GIVE THE REQUIRED LIGHT LEVELS USING THE MINIMUM NUMBER OF POSTS, THE POSITION OF THESE TO BE COORDINATED WITH THE TREES.

DETAIL A

Rev.	Description	Date
P06	PLANNING APPLICATION	11.07.2024
P05	PLANNING APPLICATION	09.07.2024
P04	PLANNING APPLICATION	28.06.2024
P03	PLANNING APPLICATION	11.06.2024
P02	PLANNING APPLICATION	07.06.2024
P01	PLANNING APPLICATION	07.06.2024

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Client: FRANK SHAW ASSOCIATES LIMITED ARCHITECTS — Woodley School and College

Project: THE NEW WOODLEY SCHOOL AND COLLEGE

Title: EXTERNAL LIGHTING

Stage: PLANNING APPLICATION

Eng:	M.Gabbitas
QA Eng:	V.Grimley
BIM Tech:	A.Hirst
QA BIM:	M.Burkinshaw
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0 4 8 12 16 20 40m

Wipeoutframe Variable: 0 Template v5