

Blessed Carlo Acutis School
0002318041
Rev 1 - Blank Grid
03.11.23

Luminaire Schedule

Symbol	Qty	Label	Sap Code	Arrangement	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts	Mounting Height	Note
	6	EX1A	93910538	Single	IP 24L35-727 NR BP 3550 CL1 M76 GY-S	0.790	3424	28	168	6	
	8	EX1B	93910536	Single	IP 24L50-727 ES BP 3550 CL1 M76 GY-S	0.790	4593	38	304	6	
	9	EX2	93910539	Single	IP 24L50-727 EWR BP 3550 CL1 M76 GY-S	0.790	4656	38	342	6	
	5	EX2 TW	2 X 93910544	Back-Back	2 X IP 24L50-727 EWR BP 3550 CL1 M42 GY-S	0.790	4656	38	380	6	
	3	EX3	93906732	Single	IP 36L50-727 EWR BP 3550 CL1 M76 GY-S	0.790	6942	55	165	6	5 Degree
	15	EX5	92901999	Single	AQFPRO S LED2900-830 PC MB HF	0.790	2658	19.7	295.5	2.2, 2.4	2.4m Tunnel TBC
	57	EX6	Apply	Single	Custom Modified PIAZZA II LED 1690-827 HF ANT (Est 1670 lumens)	0.790	1669	15.1	860.7	2, 3	2.0m mount Binstore
	3	EX7E	APPLY	Single	Custom Modified EYE VS LED1000-827 HF E3 L ANT	0.790	828	16	48	1.5	
	11	EX8	93910541	Single	AVF 18L70 727 RS CL BP 3550 CL1 CON T76 ANT	0.790	4375	40	440	4	
	12	EX9	93910545	Single	AFP2 2L 288L70-727 EWR CK1 GY	0.790	77285	585	7020	8	
	17	EX10	93910542	Single	CN B 8L70-827 WST BS 3550 CL1 MGR ANT (ROOT)	0.790	1441	20	340	1	

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Min/Avg
(01) Upper Access Road	Illuminance	Lux	10.96	19	5	0.46
(02) Upper Parking Drop Off	Illuminance	Lux	11.22	29	6	0.53
(03) Middle Parking	Illuminance	Lux	14.39	28	4	0.28
(04) Lower Parking	Illuminance	Lux	13.73	37	6	0.44
(05) Perimeter- Upper building	Illuminance	Lux	14.28	24	6	0.42
(06) Perimeter- Lower building	Illuminance	Lux	17.21	229	0	0.00
(07) Entrance	Illuminance	Lux	13.89	41	8	0.58
(08) Side Access Road	Illuminance	Lux	10.46	18	4	0.38
(09A) Upper Section of Path	Illuminance	Lux	14.57	20	10	0.69
(09B) Lower Section of path	Illuminance	Lux	13.79	16	9	0.65
(10) 3G Pitches	Illuminance	Lux	197.90	422	121	0.61
(11) Bin store	Illuminance	Lux	29.93	52	5	0.17
(12) Lower Path to 3G Pitches	Illuminance	Lux	29.94	200	0	0.00
(13) Cycle Store 1	Illuminance	Lux	167.14	200	126	0.75
(14) Cycle Store 2	Illuminance	Lux	178.88	200	148	0.83
(15) Steps	Illuminance	Lux	53.92	77	33	0.61
StatArea 1 - Parking	Illuminance	Lux	13.82	36	6	0.43
StatArea 2 - Turning Circle	Illuminance	Lux	13.56	37	6	0.44

UWLR Area Summary

Label	Total Watts	UWLR	%
Upward Waste Light Ratio	10304.1	0.006	0.6

Columns & Brackets

Ref EX1A 6m Steel Stepped Column 96632557
Ref EX1B 6m Steel Stepped Column 96632557
Ref EX2 6m Steel Stepped Column 96632557
Ref Ex2 TW 6m Steel Stepped Column 96632557 + Twin Bracket 96632567
Ref Ex3 6m Steel Stepped Column 96632557
Ref EX8 4m Steel Stepped Column 96632727
Ref EX9 8m Steel Stepped Column 96632559 + Single FL Bracket 96632568
Ref EX9 8m Steel Stepped Column 96632559 + Twin Fl Bracket 96632569

Note
Columns are given for guidance .
A Structural Engineer should always advise due to site
wind speeds, soil conditions , weights , windages
and overturning moments

ZUMTOBEL Group

This design drawing is for a lighting scheme which has been prepared for the client in collaboration with the client and other stakeholders, and is based upon the pre-construction information provided. The lighting scheme should only be installed and maintained by competent persons and in accordance with the design drawings, applicable installation instructions and all applicable laws. No changes should be made to the design of the lighting scheme without formal written approval in advance from ZG Lighting (UK) Limited, to ensure that any risks to health, safety and welfare from any proposed changes can be identified and properly assessed.

No.	Date	Revision
R1	06.01.23	Adjustments for 2700k

Project Title:
Blessed Carlo Acutis School

Area:
External Lighting - Blank GRID

Client:
McCann & Partners

Scale:	Project Number:
1:500 @ A0	0002318041
Date:	Rev Number:
06.11.23	R1
Drawn By:	Checked By:
A Crutchley	

Drawing Number:
ZG-DWG-0002318041-BLK-R01-061123

Drawing Status:
For Approval

ZG Lighting (UK) Ltd, Durhamgate,
Spennymoor, Co. Durham, DL16 6HL
Tel: 01388 420042

acdc THORN ZUMTOBEL

©ZG Lighting (UK) Ltd. 2022
Do not scale from this drawing