

Luminaire Schedule								
Symbol	Ref	Qty	Config	Outreach	Description	Lumens	Cutoff Class	Total MF
	A	4	Single	0	JE-30351-W-W40	1099	N.A	0.840
	B	7	Single	0	Ren Performance Plus 90-4k-8W	264	Non-Cutoff	0.840
	B1	5	Single	0	Ren Performance Plus 90-4k-8W with remote 3 hour emergency	264	Non-Cutoff	0.840

LFF: BS5489-1:2020 [Annex D2] = 1.0 Based on CLO LED Data

SF: BS5489-1:2020 [Annex D2] = 1.0

LMF: BS5489-1:2020 [Table C1] = 72 Months:

E3/E4 >6M TLS = 0.84

LFF*SF*LMF = Total MF

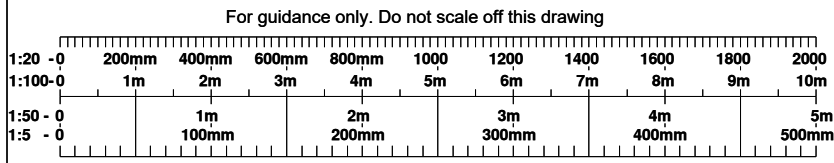
Calculation Summary									
Grid Ref	Measurement	Units	Eav	Emax	Emin	Uo	Ud	X Pitch	Y Pitch
Courtyard	Illuminance	Lux	29.22	129.0	0.1	0.00	0.00	1	1
Walkway 1	Illuminance	Lux	2.62	81.7	0.0	0.00	0.00	1	1

Luminaire Location Summary							
Col ID	Ref (Qty)	X	Y	Z (Height)	Angle	Tilt	Dimming
1	A(1)	384657.390	396256.195	3.5	27.828	0	1.00
2	A(1)	384658.893	396253.240	3.5	27.556	0	1.00
3	A(1)	384666.928	396255.365	3.5	119.985	0	1.00
4	A(1)	384672.733	396258.319	3.5	119.563	0	1.00
5	B1(1)	384664.722	396262.798	0.4	341.282	0	1.00
6	B(1)	384666.433	396271.040	0.4	356.978	0	1.00
7	B1(1)	384664.411	396276.327	0.4	33.684	0	1.00
8	B(1)	384660.679	396267.970	0.4	87.389	0	1.00
9	B(1)	384654.044	396273.476	0.4	7.69	0	1.00
10	B(1)	384660.835	396268.500	0.4	61.596	0	1.00
11	B1(1)	384658.969	396289.752	0.4	256.164	0	1.00
19	B(1)	384665.717	396292.961	0.4	253.461	0	1.00
20	B(1)	384698.476	396310.015	0.4	305.212	0	1.00
21	B(1)	384684.688	396302.758	0.4	303.429	0	1.00
22	B1(1)	384690.338	396305.713	0.4	299.278	0	1.00
23	B1(1)	384676.084	396297.989	0.4	301.19	0	1.00

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Notes

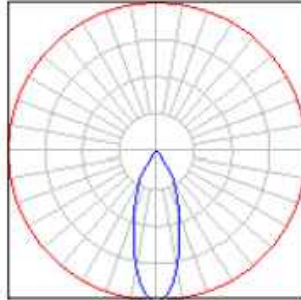
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3. This drawing should be read in conjunction with all other relevant drawings and specifications.
4. This drawing is not to be used for Construction/Installation purposes. It is a general arrangement Design Drawing and the Contractor shall produce their own Working Drawing for installation purposes.



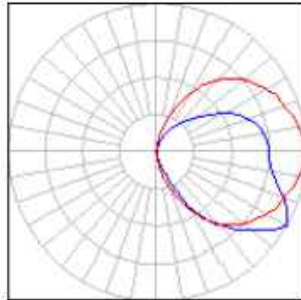
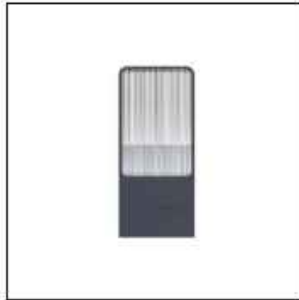
Safety, Health & Environment Information

In addition to the hazards / risks normally associated with the types of work detailed on this drawing take note below. It is assumed that all works on this drawing will be carried out by a competent contractor, working, where appropriate, to an appropriate method statement.

Construction risks	Maintenance/Cleaning risks	Demolition/Adaption risks



REF A:
Lighman Jet, 30351-Wide Optic, 4000K.
Painted in Ral 9005 Black.



REF B:
Ren Performance Plus 90mm, 4000K, 8W, 0.4M High.
Painted in Ral 9005 Black.

REF B1:
Ren Performance Plus 90<<, 4000K, 8W, 0.4M High.
Painted in Ral 9005 Black.
Complete with remote 3 hour emergency battery.

P01	Initial Issue	NT	BK	01.11.23
Rev	Description	By	Ckd	Date



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Client The University of Manchester

Project UoM Humanities
Ellen Wilkinson Building

Title Ground Floor Plan
External Lighting Services

Project Stage	Scale	Date Created
RIBA Stage 4	1:200 @ A1	Nov '2023
Project Leader	Designer	Information Manager
BK	NT	TS

Document Number
14250-RPS-EW-00-DR-E-6306

Project Code - Originator - Volume - Level - Type - Role - Unique No.

RPS Project Number	Status Code	Revision
BSM14250	S3	P01