

Zone	Surrounding	Lighting Environment	Examples
E0	Protected	Dark	UNESCO Starlight Reserves, IDA Dark Sky Parks
E1	Natural	Intrinsically dark	National Parks, Areas of Outstanding Natural Beauty etc
E2	Rural	Low district brightness	Village or relatively dark outer suburban locations
E3	Suburban	Medium district brightness	Small town centres or suburban locations
E4	Urban	High district brightness	Town/city centres with high levels of night time activity

Table 2 – Obt Observers	rusive Light	Limitation	IS TOP EXTERI	or Lighting	installation	s – General	
Environment al Zone	Sky Glow ULR [Max %] <sup>(1)</sup>	Light Intrusion (into Windows) E <sub>v</sub> [lux] <sup>(2)</sup>		Luminaire Intensity I [candelas] <sup>(3)</sup>		Building Luminance Pre-curfew	
	-	Pre- curfew	Post- curfew	Pre- curfew	Post- curfew	Average, L [cd/m <sup>2</sup> ]	
E0	0	0	0	0	0	0	
E1	0	2	0(1*)	2,500	0	0	
E2	2.5	5	1	7,500	500	5	
E3	5.0	10	2	10.000	1.000	10	
E4	15	25	5	25,000	2,500	25	

hen S/P e is not fied)	(e.g. some ty white lam	2 and R <sub>2</sub> ≥ 60 pes of warm p such as halide)	Values In lux   S/P ratio = 2 and $R_a \ge 60$ (e.g. some types of cool   white compact fluorescent   or LED)		
	Ē	Emin	Ē	Emin	
	13.4	2.7	12.3	2.5	
	8.6	1.7	7.7	1.5	
	6.3	1.3	5.5	1.1	
	4.0	0.8	3.4	0.7	
	2.2	0.4	1.8	0.4	
	1.4	0.4	1.1	0.4	

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REV:	DATE:	REVISION:	DRN:	СНК
P01	17/01/22	STAGE 4B ISSUE	BG	JW
P02 P03	10/03/22 05/04/22	ISSED FOR REVIEW AND COMMENT/APPROVAL ISSED FOR REVIEW AND COMMENT/APPROVAL	BG BG	JW JW
LEC	SEND:			
	X-A1		IER	
•	X-A2			
•	X-A3	COMPACT DOWNLIGHT		
•	X-B1	BOLLARD		
-	X-C1	RECESSED LUMINAIRE		
	X-D1	WALL MOUNTED UP/DOWN LI	GHT	
•	X-D2	COMPACT DOWNLIGHT		
-	X-F1	FLEXIBLE LED STRIP		
•	X-G1	IN GROUND LIGHT		
_	X-H1	LED ROD		
	X-J1	WALL LIGHT		
	X-K1	WALL LIGHT		

## FOR DETAILS OF LUMINAIRES, REFER TO LUMINAIRE DATA SHEETS.

LUX LEVEL CONTOUR LINES:

3 LUX	
5 LUX	
7.5 LUX	
10 LUX	
15 LUX	
20 LUX	
30 LUX	
50 LUX	
75 LUX	
100 LUX	
150 LUX	
300 LUX	

HOARE LEA (H.)

Drawing Title

Hawkins∖ Brown

Architect:

## UCL Estates

IoN/DRI Redevelopment Project 256 Grays Inn Road London WC1X 8LD

FOR REVIEW & COMMENT/APPROVAL

## **EXTERNAL LIGHTING LUX PLOT**

	Michael J Lonsdal 22-24 Cowper Str E london@michae T 020 7253 7879	eet   London   EC2A 4AP
Discipline	Originator (CAD Bureau)	Grid Reference
Electrical	MJL	N/A
Checked By	Checked Date	MJL Project No.
JW	17/01/22	ME2871
Approved By	Approval Date	Client Project No.
SM	17/01/22	EN20019
Author	Shared Suitability Code S3/S4	Scale 1:100@ A0

**BEMP-MJL-P1-00-DR-E-630-1011**