



Lighting levels as per IS EN 13201 and Technical Guidance Document M - Access and Use

Area description	Road Classification	Avg. Lighting Level, Eav (lux) - Target	Uniformity, Uo - Target	Min. Lighting Level, Emin (lux) - Target	Avg. Lighting Level, Eav (lux) - Achieved	Uniformity, Uo - Achieved	Min. Lighting Level, Emin (lux) - Achieved
Calculation Surface 10	P5	3	0.3	0.6	6.9	0.33	2.3
Calculation Surface 11	C4	10	0.4	Not applicable	20.5	0.47	Not applicable
Calculation Surface 12	P5	3	0.3	0.6	6.77	0.36	2.44
Calculation Surface 13	P4	5	0.3	1	14.7	0.29	4.28
Calculation Surface 14	P5	3	0.3	0.6	14.4	0.15	2.14
Calculation Surface 15	P4	5	0.3	1	8.33	0.22	1.86
Calculation Surface 16	P5	3	0.3	0.6	43.4	0.33	14.3
Calculation Surface 17	P5	3	0.3	0.6	8.7	0.43	3.72
Calculation Surface 18	P5	3	0.3	0.6	9.91	0.47	4.61
Calculation Surface 19	Stairs	100	0.4	Not applicable	180	0.4	Not applicable
Calculation Surface 20	Ramp	100	0.3	Not applicable	223	0.33	Not applicable
Calculation Surface 21	P5	3	0.3	0.6	43.3	0.33	14.3
Calculation Surface 22	P5	3	0.3	0.6	12.7	0.26	3.31
Calculation Surface 23	P5	3	0.3	0.6	11	0.5	5.52
Calculation Surface 24	P5	3	0.3	0.6	19.1	0.32	6.13
Calculation Surface 25	Ramp	100	0.3	Not applicable	280	0.46	130
Calculation Surface 26	Stairs	100	0.4	Not applicable	180	0.4	Not applicable

LEGEND:

Tag	Type	Image	Description
PL2	Street Lamps		Pole mounted at 6m Type: Axis 2 S23, Integrated lenses, 12 Color Square Glass 3000mA, 800, 30, 30 Supplier: Urban Scheduler Colour Temperature: 3000K Lamp Flux: 5.70m
PL3	Decorative Lamps		Arm height Lighting Column Type: 8 x Schroder VOA M01 S17 Flu, P, Sanded Back Light 8 W- E14 Supplier: Urban Scheduler Colour Temperature: 3000K Lamp Flux: 1270m
PL4	Decorative Lamps		Arm height Lighting Column Type: VOA M03 S17 Flu (Glass Back Light 8 W- Supplier: Urban Scheduler Colour Temperature: 3000K Lamp Flux: 1202m
PL5	Decorative Lamps		Arm height Lighting Column Type: VOA M03 S17 Symmetrical Light 8 W- Supplier: Urban Scheduler Colour Temperature: 3000K Lamp Flux: 1272m
PL6	Decorative Lamps		Arm height Lighting Column Type: VOA M03 S17 Symmetrical Light 8 W- Supplier: Urban Scheduler Colour Temperature: 3000K Lamp Flux: 1202m
BL	Light Bolards		1m height bollard Type: Line 1 x 60mm AG Line M3 Disker slim wide Performance, 18W, 1350m Supplier: Solar Colour Temperature: 3000K
LL	Handrail Luminaires		8 x DW Window GARDA Handrail, Asymmetric Linear Module, 3000m Supplier: DW Window Colour Temperature: 3000K
WL	Wall Luminaires		Square Shape LED luminaire, made of aluminum alloy and crystal lens, 18W, 800, 1000m Supplier: ESEA Colour Temperature: 3000K

EXISTING LIGHTING POLE

NOTES:
1- LIGHTING DESIGN WILL BE DESIGNED TO BS 5489, BS EN 13201-2 AND TECHNICAL GUIDANCE DOCUMENT M - ACCESS AND USE.

SITE BOUNDARY LIMIT
LANDS IN APPLICANT'S OWNERSHIP



P02	28/03/22	LA	LA	VA
Issued for Planning (Status S2)				
P01	11/03/22	LA	LA	VA
Issued for Planning (Status S2)				
Rev	Date	By	Chkd	Appd

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Client
Tiznow Property Company Limited
(Comer Group Ireland)

Project Title
City Park Development
at the Former Tedcastles Site

Drawing Title
Public Lighting Layout
Sheet 2 of 4

Scale at A1: 1:250
Role: Electrical
Suitability: S2 - Suitable for Information
Anup Job No: 267365-00 Rev: P02
Name: 267365-ARUP-XX-XX-DR-E-0004