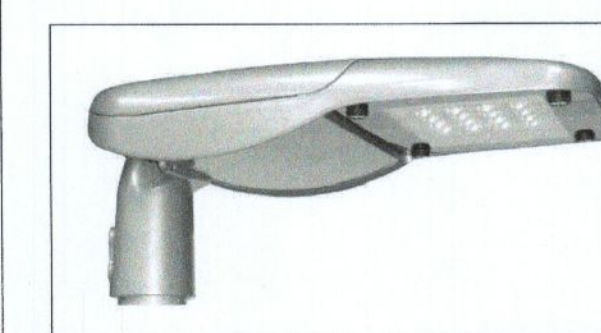


ID	TYPE	X	Y	HT.	ANGLE	TILT	CANT	OUT-REACH	TARGET X	TARGET Y	TARGET Z
1	A	0.09	36.35	6M	98	0.000	0.00	0.50			
2	B	22.70	35.20	6M	90	0.00	0.00	0.50			
3	B	22.68	34.79	6M	270	0.00	0.00	0.50			
4	B	46.18	35.78	6M	75	0.00	0.00	0.50			
5	B	46.02	35.23	6M	251	0.00	0.00	0.50			
6	A	80.55	28.71	6M	253	0.00	0.00	0.50			
7	A	78.54	11.93	6M	73	0.00	0.00	0.50			
8	A	56.22	7.09	6M	357	0.00	0.00	0.50			

RESULTS	ACHIEVED (%)	EN13201 STANDARD P4 (lx)
Eav	6.23	5
Emin	1.22	1
Emax	19.65	N/A
Emin/Emax	0.06	
Emin/Eav	0.20	

- GENERAL NOTES
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS, DOCUMENTS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT.
  - THIS IS NOT AN INSTALLATION DRAWING. INSTALLATION DRAWINGS TO BE PREPARED WITH REFERENCE TO THE ARCHITECTS AND STRUCTURAL ENGINEERS CONSTRUCTION ISSUE DRAWINGS.
  - DO NOT SCALE FROM THIS DRAWING. WORK TO FIGURED DIMENSIONS ONLY. THE CONTRACTOR TO ALLOW FOR ALL SETTING OUT AND INSTALLATION AROUND OBSTRUCTIONS.
  - ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.
  - THE CO-ORDINATION OF THE ELECTRICAL SERVICES WITH OTHER TRADES TO BE AGREED ON SITE PRIOR TO INSTALLATION. ADDITIONAL COSTS DUE TO LACK OF CO-ORDINATION WILL NOT BE ENTERTAINED. THE CONTRACTOR SHALL CO-ORDINATE FULLY WITH ALL OTHER TRADES BEFORE COMMENCING WORK.
  - THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL THE NECESSARY INFORMATION TO ALLOW THE MAIN CONTRACTOR TO CO-ORDINATE ALL SERVICES.
  - CABLE CARRIER SYSTEM, WIRING AND ALL OTHER ASSOCIATED WORKS CARRIED OUT BY THE ELECTRICAL CONTRACTOR.
  - WHERE SERVICES PASS THROUGH FIRE RATED STRUCTURE, THEY SHOULD BE FIRE SEALED AND CERTIFIED ON COMPLETION.
  - SEE OTHER ELECTRICAL DRAWINGS FOR LOCATION OF ELECTRICAL DISTRIBUTION BOARDS AND COMMUNICATION CABINETS.
  - ALL WORKS TO BE TESTED AND COMMISSIONED ON COMPLETION.
  - HANDOVER OF 'AS BUILT' MANUALS ON COMPLETION OF THE PROJECT TO INCLUDE ALL DRAWINGS, DOCUMENTS AND TEST CERTIFICATES.



METRO-STREELIGHT

- LEGEND
- LUMINAIRE A COLUMN
  - LUMINAIRE B COLUMN
  - BEAM AIMING TARGET
  - PHOTOMETRIC CENTRE

Road  
Results - Horizontal Illuminance (lux)  
Eav= 6.20  
Emin= 1.22  
Emax= 19.65  
Emin/Emax= 0.06  
Emin/Eav= 0.20  
Emax/Eav= 3.17

LUMINAIRE A DATA

TYPE	VEELITE METRO STREETLIGHT 19W LED STREET OPTIC R03
LAMP	8LED 4000K G4
LAMP FLUX (klm)	2.45
FILE NAME	SMTA08LGA-R03.ies
MAINTENANCE FACTOR	0.83
IMAX70,80,90 (cd/klm)	537.8, 56.5, 0.3
QUANTITY	4

LUMINAIRE B DATA

TYPE	VEELITE METRO STREETLIGHT 19W LED FORWARD THROW A OPTIC
LAMP	8LED 4000K G4
LAMP FLUX (klm)	2.44
FILE NAME	SMTA08LGA-FTA.ies
MAINTENANCE FACTOR	0.83
IMAX70,80,90 (cd/klm)	401.3, 47.0, 0.5
QUANTITY	4

- SITE BOUNDARY OUTLINED IN RED
- APPLICANT OWNERSHIP
- APARTMENT BLOCK SHOWN HATCHED

PLANNING

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w malonegroup.com

**Ireland**  
239 Blanchardstown Corporate Park  
Ballycoolin  
Dublin  
D15 KV21  
t +353 1 8665890

**Canada**  
1601 Westmount Road NW  
Suite 201  
Calgary, AB  
T2N 3M2  
t +1 403 770 9328

**Great Britain**  
Skylime Court, Third Avenue  
Centrum 100  
Burton-on-Trent  
DE14 2BZ  
t +44 1283 688083

**Canada**  
120 East Beaver Creek Road  
Suite 200  
Richmond Hill, ON  
L4B 4V1  
t +1 289 635 2442

**Northern Ireland**  
17 Innovation Centre  
73 Charlestown Road  
Craigavon, Co Antrim  
BT63 5PP  
t +44 28 3814 0016

**Bulgaria**  
Shekva 6 Street  
Sofia 1504  
t +359 2 491 787

Client:  
Project: APT BLOCK DEVELOPMENT, NEWCASTLE, DUBLIN  
MECHANICAL & ELECTRICAL SERVICES

Title: SITE LIGHTING LAYOUT

Dwg By: N. Kerrigan Size: A1 Scale: 1:200 Date: JULY 2022  
Stage: PLANNING Dwg No: P22-153-E-LG-SL-01



Rev No.	DESCRIPTION	Dwg By	Chk By	App By	Date
C	ISSUED FOR PLANNING PURPOSE ONLY	N.K.	M.F.	C.O.L.	08.08.2022
B	ISSUED FOR PLANNING PURPOSE ONLY	N.K.	M.F.	C.O.L.	08.08.2022
A	ISSUED FOR PLANNING PURPOSE ONLY	N.K.	M.F.	C.O.L.	29.07.2022