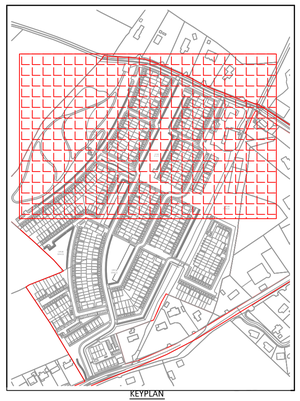

KEYPLAN

Calculation Summary							
Section	Results	Eav	Emin	Emax	Emin/ Emax	Emin/ Eav	Emax/ Eav
Roads & Paths - Section 1	Horizontal Illuminance (lux)	5.33	1.04	19.92	0.05	0.20	3.74
Roads & Paths - Section 2	Horizontal Illuminance (lux)	5.39	1.05	20.20	0.05	0.20	3.75
Roads & Paths - Section 3	Horizontal Illuminance (lux)	5.33	1.04	17.57	0.06	0.20	3.30
Kilnahue Road	Horizontal Illuminance (lux)	8.58	3.39	19.95	0.17	0.40	2.33
R725	Horizontal Illuminance (lux)	8.38	3.43	17.79	0.19	0.41	2.12

Luminaire Data				
Symbol	Description	Lamp Type	MF	Quantity
	Veelite Metro Streetlight Forward Throw A Optic	19W; Lamp 8 LED; 3,000K; G4	0,80	19
	Veelite Metro Streetlight Street Optic R03	19W; Lamp 8 LED; 3,000K; G4	0,80	97
	Veelite Metro Streetlight Street Optic R01	14W; Lamp 8 LED; 3,000K; G4	0,80	28
	Veelite Metro Streetlight Street Optic R03	36W; Lamp 16 LED; 3,000K; G4	0,80	11
	Veelite Metro Streetlight Street Optic R03	19W; Lamp 8 LED; 3,000K; G4 w/External Luminaire Integrated Shield	0,80	11
	Veelite Metro Streetlight Forward Throw A Optic	19W; Lamp 16 LED; 3,000K; G4 w/External Luminaire Integrated Shield	0,80	3
	Veelite Metro Streetlight Street Optic R03	36W; Lamp 16 LED; 3,000K; G4 w/External Luminaire Integrated Shield	0,80	2

Legend
Type A Luminaire & Pole
Type B Luminaire & Pole
Type C Luminaire & Pole
Type D Luminaire & Pole
Type E Luminaire & Pole
Type F Luminaire & Pole
Type G Luminaire & Pole
Mast
Beam Aiming Target
Photometric Centre



VEELITE METRO STREETLIGHT

©2025 KERRIGAN CONSULTING ENGINEERING LTD

1. DO NOT SCALE FROM THIS DRAWING.
2. DRAWING TO BE READ IN CONJUNCTION WITH ALL ARCHITECTS, STRUCTURAL ENGINEERS, CIVIL ENGINEERS & ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS RELATING TO THE PROJECT.
3. ALL DIMENSIONS TO BE CONFIRMED ON SITE.
4. DRAWING TO BE READ IN CONJUNCTION WITH KERRIGAN CONSULTING'S MECHANICAL & ELECTRICAL SPECIFICATIONS & SCHEMATICS.
5. ABNORMAL RISKS ARE IDENTIFIED ON THIS DRAWING. REFER TO DESIGN RISK ASSESSMENT FOR FURTHER DETAILS

Public Lighting Notes:

1. Do NOT scale from this drawing.
2. The actual results achieved may vary from predicted values due to normal deviation in luminaire installation, electrical supply, equipment tolerances, obstructions including poles, brackets and mounting arms, reflectances etc.
3. This design is based on a preliminary assessment only and will be developed during the detailed design stage.

NOTE:
LAYOUT DRAWING IS INDICATIVE ONLY & SUBJECT TO CHANGE FOLLOWING RECEIPT OF FINAL DESIGN DRAWING FROM ESB & AGREEMENT OF PUBLIC LIGHTING STRATEGY WITH WEXFORD CO. CO.

PARKLAND AREA

OPEN SPACE

OPEN SPACE

OPEN SPACE

Rev	Description	Date	Chd
03	Issued for Planning	25/11/2025	RK
02	Draft for Comment	30/10/2025	RK
01	Issued for Planning	07/07/2025	RK

KERRIGAN CONSULTING

T: 044 936 2031 E: info@kerriganconsulting.ie W: www.kerriganconsulting.ie

Client: GLENVEAGH HOMES

Project: PROPOSED RESIDENTIAL DEVELOPMENT AT CREAGH, GOREY, CO. WEXFORD

Drawing Title: PROPOSED PUBLIC LIGHTING LAYOUT SHEET 1 OF 2

Drawing No.: 250018-RKC-XXXX-XX-DR-E01-006301

Drawn	Check	Scale	Revision
OH	RK	1:500@A1	03