

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.

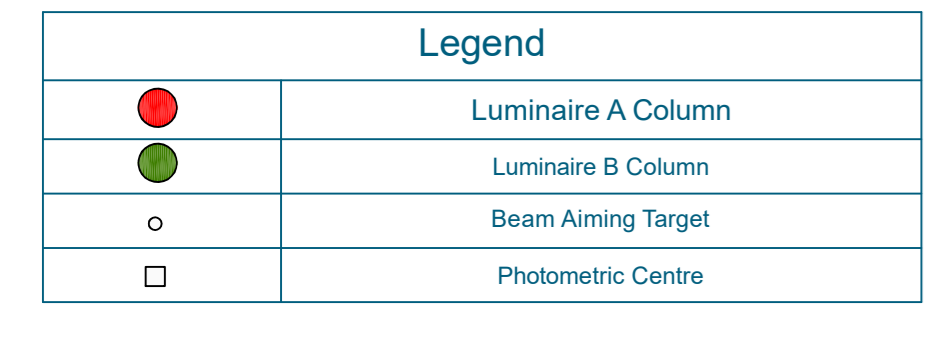


#### Calculation Summary

Description	E <sub>av</sub>	E <sub>min</sub>	E <sub>max</sub>	E <sub>av</sub> /E <sub>max</sub>	E <sub>min</sub> /E <sub>av</sub>	E <sub>max</sub> /E <sub>av</sub>
Road / Path 1	6.33	1.24	22.23	0.06	0.20	3.51
Road / Path 2	6.49	1.28	22.36	0.06	0.20	3.45
Road / Path 3	6.72	1.32	22.81	0.06	0.20	3.39
Road / Path 4	7.35	1.43	22.43	0.06	0.20	3.05
Road / Path 5	6.33	1.26	22.26	0.06	0.20	3.51

#### Luminaire Schedule

Symbol	Type	Lamp(s)	Lamp Flux (klm)	MF	Quantity
●	Vielite Metro Streetlight 27w LED Street Optic R03	12: 4000K	3.42	0.76	22
○	Vielite Metro Streetlight 27w LED Forward Throw A Optic	12: 4000K	3.41	0.76	11



No.	Description	Date	CHK

**COFFEY CONSULTING ENGINEERING**

100, Colson Road, Galway  
 100, Colson Road, Galway  
 100, Colson Road, Galway

Client: Galway County Council

Site: House Development at Chlain na Gaoithe, Baile an Chláir Co na Gaillimhe

Builder's Work  
Public Lighting Layout

5236 BLD-100