



Luminaire A Data

Type	Veolia Metro Streetlight 19W LED Street Optic R03
Lamp(s)	BLED 3000K G4
Lamp Flux (lm)	225
File Name	537806_GA-R03.xls
Maintenance Factor	0.80
Imax F0.80 (cd/m ²)	537.8 56.5 0.3
No. in project	31

Luminaire B Data

Type	Veolia Metro Streetlight 19W LED Forward Throw A Optic
Lamp(s)	BLED 3000K G4
Lamp Flux (lm)	224
File Name	537806_GA-FTA.xls
Maintenance Factor	0.80
Imax F0.80 (cd/m ²)	401.3 47.0 0.5
No. in project	16

Luminaire C Data

Type	Veolia Metro Streetlight 30W LED Street Optic R03
Lamp(s)	16LED 3000K G4
Lamp Flux (lm)	4.61
File Name	507A_GA-R03-30W.xls
Maintenance Factor	0.85
Imax F0.80 (cd/m ²)	537.8 56.5 0.3
No. in project	2

Calculation Summary

Description	Emv	Emax	Emin	Emin/Emv	Emin/Emax	Emax/Emv
Road & Paths	5.73	16.18	1.12	0.20	0.06	3.17
Tyre's Road	9.38	18.83	3.75	0.40	0.20	2.01

Notes:

- Do NOT scale from this drawing.
- The actual results achieved may vary from predicted values due to normal deviation in luminaire installation, electrical supply, mounting hardware, obstructions including poles, fences and building eaves, etc.
- This design is based on a preliminary assessment only and will be developed during the detailed design stage.

Legend

Symbol	Description
●	Luminaire A Column
○	Luminaire B Column
○	Luminaire C Column
○	Beam Aiming Target
□	Photometric Curve



Rev	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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John Flanagan Developments
Wellwood Tullamore

CE COFFEY CONSULTING ENGINEERING

Public Lighting Calculations Layout

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