



Luminaire A Data		Luminaire B Data	
Type	Veolia Metro Streetlight 19W LED Street Optic R03	Type	Veolia Metro Streetlight 19W LED Forward Throw A Optic
Lamp(s)	BLED 3000K G4	Lamp(s)	BLED 3000K G4
Lamp Flux (lm)	225	Lamp Flux (lm)	224
File Name	SMART/03/GA-R03.xls	File Name	SMART/03/GA-FTA.xls
Maintenance Factor	0.80	Maintenance Factor	0.80
Imax F0.05 (cd/m <sup>2</sup> )	537.8 96.0 0.3	Imax F0.05 (cd/m <sup>2</sup> )	401.3 47.0 0.5
No. in project	31	No. in project	16

  

Luminaire C Data	
Type	Veolia Metro Streetlight 30W LED Street Optic R03
Lamp(s)	1x BLED 3000K G4
Lamp Flux (lm)	4.61
File Name	SMART/03/GA-R03-30W.xls
Maintenance Factor	0.85
Imax F0.05 (cd/m <sup>2</sup> )	537.8 96.0 0.3
No. in project	2

Calculation Summary						
Description	Ear	Emax	Emin	Emin/Ear	Emin/Emax	Emax/Ear
Road & Paths	5.73	15.18	1.12	0.20	0.06	3.17
Tyler's Road	9.38	18.83	3.75	0.40	0.20	2.01

Notes:  
 1. Do NOT scale from this drawing.  
 2. The actual heights achieved may vary from predicted values due to normal deviation in luminaire installation, electrical supply, mounting heights, etc.  
 3. 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 Centre



Rev	Description	Date	By
01	Issued for Planning	04/03/20	RL
02	Issued for Planning	21/03/20	RL
03	Issued for Planning	03/03/20	RL
04	Final Issue	03/03/20	RL
05	Final Issue	03/03/20	RL
06	Final Issue	03/03/20	RL

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Public Lighting Calculations Layout  
 Sheet 1 of 2  
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