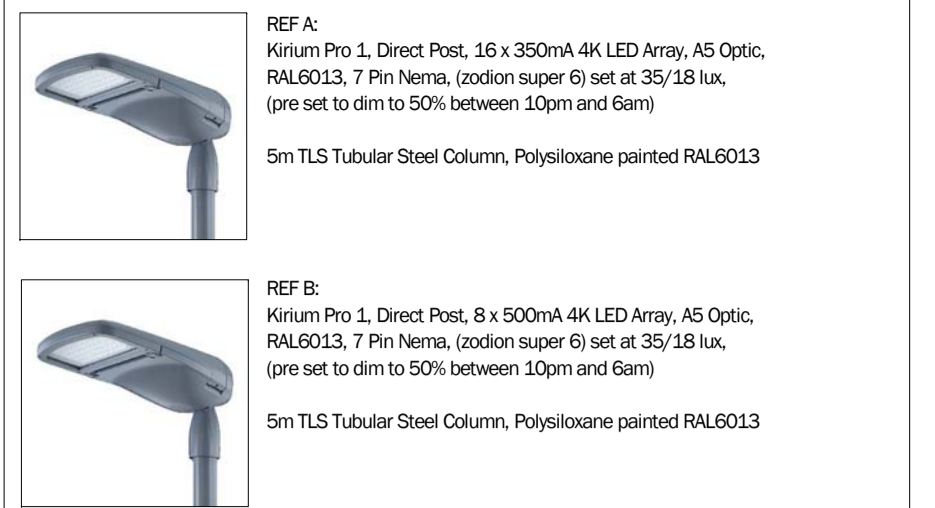


Luminaire Schedule					Lumens	Wattage	S/P Ratio	Total MF	
Symbol	Ref	Qty	Label	Arrangement	Description				
	A	23	KIRIUM PRO1 16LED 4k A5_350mA	SINGLE	Kirium Pro 1, Direct Post, 16 x 350mA 4K LED Array, A5 Optic, 5m TLS	2236	19	1.50	0.748
	B	51	KIRIUM PRO1 8LED 4k A5_500mA	SINGLE	Kirium Pro 1, Direct Post, 8 x 500mA 4K LED Array, A5 Optic, 5m TLS	1572	15	1.50	0.748

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max
Road 01	Illuminance	Lux	3.86	10.5	0.8	0.21	0.08
Road 02	Illuminance	Lux	2.54	7.4	0.5	0.20	0.07
Road 03	Illuminance	Lux	2.32	6.7	0.5	0.22	0.07
Road 04	Illuminance	Lux	2.56	6.8	0.5	0.20	0.07
Road 05	Illuminance	Lux	2.72	6.9	0.9	0.33	0.13
Road 06	Illuminance	Lux	2.53	7.0	0.5	0.20	0.07
Road 07	Illuminance	Lux	3.94	10.6	0.8	0.20	0.08
Road 08	Illuminance	Lux	3.94	12.1	0.9	0.23	0.07
Road 09	Illuminance	Lux	2.76	7.3	0.7	0.25	0.10
Road 10	Illuminance	Lux	2.95	7.4	0.6	0.20	0.08
Road 11	Illuminance	Lux	2.81	7.3	0.5	0.18	0.07
Road 12	Illuminance	Lux	2.87	6.9	0.7	0.24	0.10
Road 13	Illuminance	Lux	2.86	7.4	0.7	0.24	0.09



Lighting Classes:

Roads 1,7 & 8
 This scheme has been designed to:
 BS EN 13201:2-2015
 Road lighting - Part 2: Performance requirements
 Category P4
 Subsidiary roads
 Horizontal Illuminance
 >5 lux Maintained average Illuminance (Eav)
 >7.5 lux Maintained average Illuminance (Eav)
 >1 lux Maintained minimum point Illuminance (Emin)
**P4 Adjusted for 1.5 SP Ratio:
 3.75 - 5.63lux Av
 0.75lux Min**

All Other Roads:
 This scheme has been designed to:
 BS EN 13201:2-2015
 Road lighting - Part 2: Performance requirements
 Category P5
 Subsidiary roads
 Horizontal Illuminance
 >3 lux Maintained average Illuminance (Eav)
 >4.5 lux Maintained average Illuminance (Eav)
 >0.6 lux Maintained minimum point Illuminance (Emin)
**P5 Adjusted for 1.5 SP Ratio:
 2.05 - 3.08 lux Av
 0.41lux Min**

A 21/11/17 Based on client CAD DWG
 Issue: Date: Description:
 CDM Statement:
 Please note that this proposed lighting scheme is a lighting solution that has been designed with information provided by the client. The solution does not include site, installation engineering and risk assessment considerations.

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Project:
Elmsbrook Phase 3/4

Client: Ribby & Slagg Ltd Contact: Dan Cook
 Project Management: Simon Tibble Lighting Design: Michael Walker
 All measurements in metres and lux.
 Do not scale from this drawing. Product images are indicative.

Date: 21/11/17 Scale: 1:1000 @ A1
 Project Number: Page: 1 of 1

13741-1-A