

Luminaire Schedule		Label	Arrangement	Description	Lumens	Wattage	S/P Ratio	Total MF
Symbol	Qty							
+	6	KPM 16LED 4k C2_240mA	SINGLE	Kirium Pro Mini_16 LED 240mA 4K C2 Optic, RAL9005 Black, 35lux, 4m TLS	1641	14	1.50	0.748
+	4	KPM 16LED 4k A1_480mA	SINGLE	Kirium Pro Mini_16 LED 480mA 4K A1 Optic, RAL9005 Black, 35lux, 5m TLS	3128	26	1.50	0.748

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max
Parking Area 1	Illuminance	Lux	5.80	14.5	1.7	0.29	0.12
Parking Area 2	Illuminance	Lux	5.25	15.3	1.3	0.25	0.08
Parking Area 3	Illuminance	Lux	5.16	14.0	1.8	0.35	0.13
Roadway	Illuminance	Lux	5.75	29.5	1.0	0.17	0.03



Lighting Classes:

Parking Areas:	Roadway:
This scheme has been designed to: BS EN 12013 Lighting requirements for outdoor car parks, Table 5 Light Traffic (shops, apartment buildings, cycle parks).	This scheme has been designed to: BS EN 12013-2:2015 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)

A 01/01/17 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.



Project:
Land off St Mary's Street
Penistone,
South Yorkshire

Client: Pillars Building Contractors Ltd Contact: Hisham Shihb
 Project Management: Sophie Chandler Lighting Design: Michael Walker
 All measurements in metres and lux.
 Do not scale from this drawing. Product images are indicative.

Date: 25/01/17 Scale: 1:250 @ A1
 Project Number: Page: 1 of 1

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