





Consulting Engineers

PROJECT NAME:
Barton's Road, Havant

PROJECT No:
C85850

SCALE: **1:500** DATE: **11 October 2018**

CALCULATION:
Horizontal Illuminance (lux)

DESIGNER:
KM

Phase 2 Private Street Lighting to BS EN 13031:2015
Luminaires - Philips Micro Luma CM70 LED
Lighting Class - P6 with 1.61 SFR Ratio applied
Eav = 1.20 - 1.80 lux
Emin = 0.40 lux
Emin/Eav = 0.33

This report is to be read in conjunction with drawing no. C85850-0141.
Luminaire Type A shown for information only. For Phase 1 street lighting, refer to C85850-C111 538 Street Lighting Design.

REVISION: SCALE: **1:500 @ A1**

PREPARED BY:
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FILE NAME
**Itsclient\HJobs_C1C85850 Barton's Rd,
Hampshire, Havant, P09 5NA\Docs_JNP\Calcals
VStreet Lighting\C85850 Havant Street Lighting -
Phase 2 Private.rvt**

Results Grid 1	
Eav	1.72
Emin	0.42
Emax	5.11
Emin/Emax	0.08
Emin/Eav	0.24

Results Grid 2	
Eav	1.70
Emin	0.40
Emax	5.21
Emin/Emax	0.08
Emin/Eav	0.23

Results Grid 3	
Eav	1.80
Emin	0.40
Emax	5.24
Emin/Emax	0.08
Emin/Eav	0.22

Results Grid 4	
Eav	1.66
Emin	0.40
Emax	5.11
Emin/Emax	0.08
Emin/Eav	0.24

Results Grid 5	
Eav	1.79
Emin	0.43
Emax	5.07
Emin/Emax	0.08
Emin/Eav	0.24

	 Luminaire A	 Luminaire B
Supplier	Philips	Philips
Type	BGP615 DAW70	BGP615 DAW70
Lamp(s)	LED-HB SS/667	LED-HB SS/740
Lamp Flux (lm)	1.40	1.40
Maintenance Factor	0.85	0.85
No. in Project	2	26