

DATE: 28 October 2025
DESIGNER: JL
PROJECT No: 26330
PROJECT NAME: South Heywood



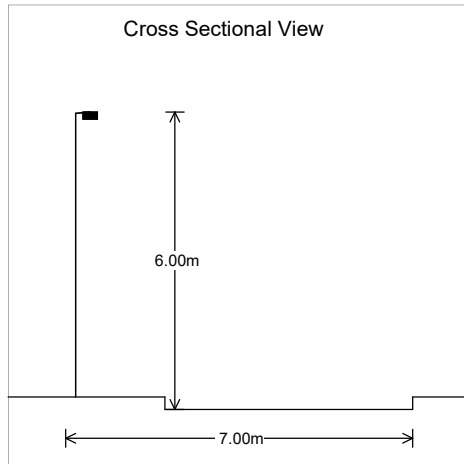
26330-R-09
Single Sided
Maximum Spacing - 42.00m

Roadway Lighting Report

PREPARED BY: HDSLighting Ltd
First Avenue
Poynton Industrial estate
Poynton
Cheshire
SK12 1YP

Roadway Report Summary

Layout



Road Data

Calculation Grid	2015:EN13201 Illuminance
Width (m)	7.00
No. of Lanes	2
Road Surface	C2
Q0	0.07
Left Footpath(m)	2.00
Right Footpath(m)	0.00

Main Lighting

Column Data

Configuration	Single Sided Left
Spacing (m)	42.00
Height (m)	6.00
Tilt (deg)	5.00
Setback (m)	1.80
Outreach (m)	0.30
Overhang (m)	-1.50

Luminaire Data

Supplier	
Type	VMXII.1.LA043.V1.F4Q1.W033.D1433
Lamp(s)	LED C.4000 Lumens
Lamp Flux (klm)	4.40
File Name	VMXII.1.LA043.V1.F4Q1.W033.D1433.IES
Maintenance Factor	0.81
Lum. Int. Class	G1

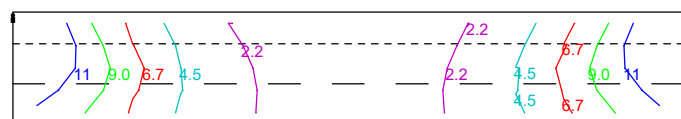
Results

Main

Complies with P4

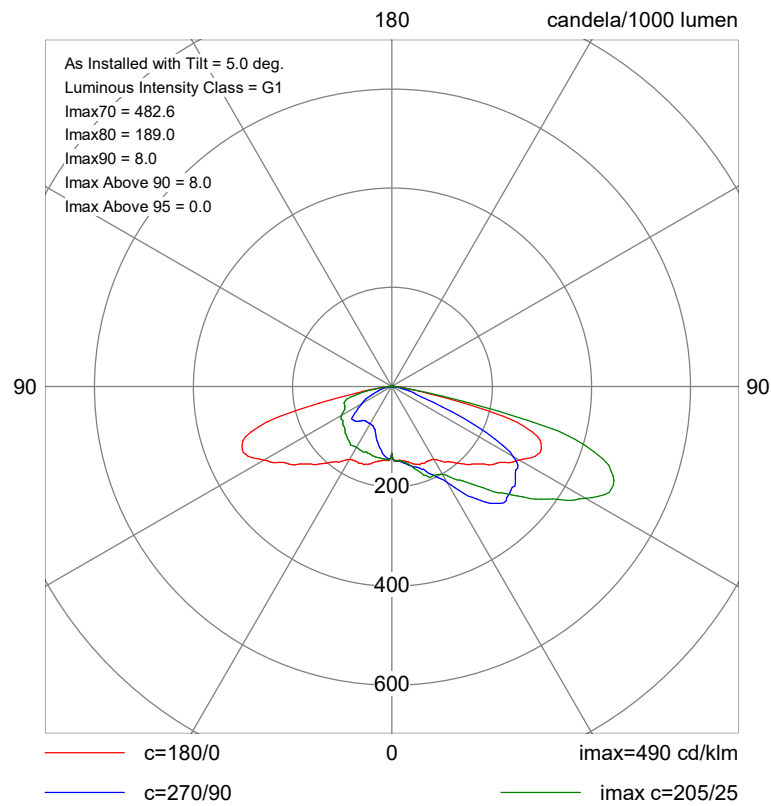
Eav	5.58
Emin	1.07
E _{max}	14.68
Emin/E _{max}	0.07
Emin/Eav	0.19

Horizontal Illuminance (lux)

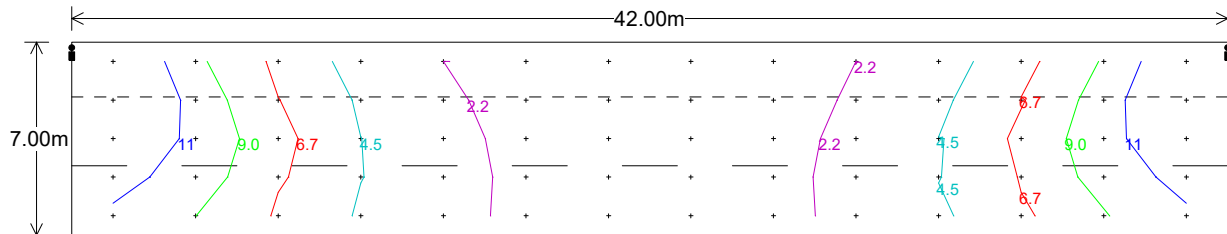


Polar Diagram

Main Luminaire VMXII.1.LA043.V1.F4Q1.W033.D1433



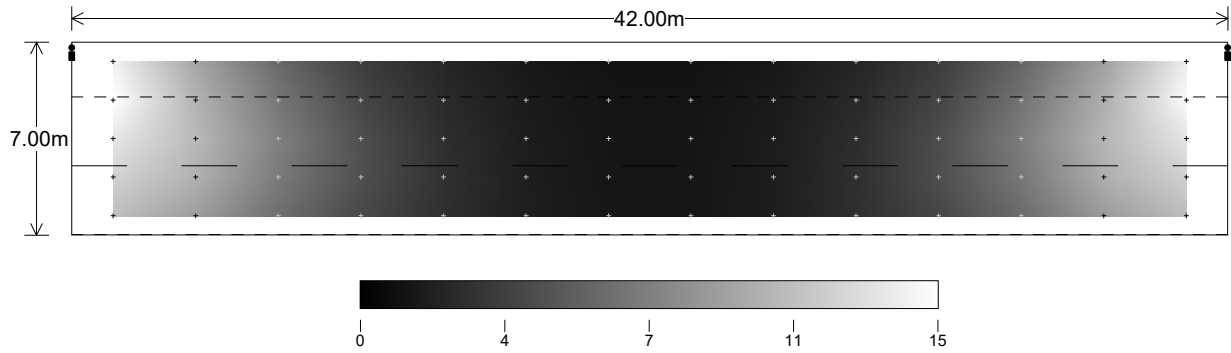
Horizontal Illuminance (lux)



Main Results

Eav	5.58
Emin	1.07
Emax	14.68
Emin/Emax	0.07
Emin/Eav	0.19

Horizontal Illuminance (lux)



Horizontal Illuminance (lux)

42.00m														
7.00m	+13.9	+9.5	+6.0	+3.5	+2.2	+1.4	+1.1	+1.1	+1.4	+2.2	+3.5	+6.0	+9.5	+13.9
	+14.7	+10.2	+6.8	+4.0	+2.5	+1.6	+1.2	+1.2	+1.6	+2.5	+4.0	+6.8	+10.2	+14.7
	+13.3	+10.6	+7.3	+4.5	+2.7	+1.7	+1.2	+1.2	+1.7	+2.7	+4.5	+7.3	+10.6	+13.3
	+12.1	+10.1	+7.0	+4.6	+2.8	+1.7	+1.3	+1.3	+1.7	+2.8	+4.6	+7.0	+10.1	+12.1
	+10.9	+9.0	+6.3	+4.1	+2.7	+1.7	+1.3	+1.3	+1.7	+2.7	+4.1	+6.3	+9.0	+10.9