

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P233415

Luminaire Tested: **VERD-C015-D-U-T1-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P233415
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1710-389-18)
Test Lab: INNOVATION CENTER(G2)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: VERD-C015-D-U-T1-7030
Description: VERDEON ROADWAY AND AREA LUMINAIRE
(1) 70 CRI, 3000K, 750mA LED AND TYPE I OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4035 lumens
Efficiency: N/A
Efficacy: 134.5 lumens/watt
Luminous Opening: Rectangular (W 0.79' x L: 1.25' x H: 0')
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B2 - U0 - G1

Input Watts (W): 30
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

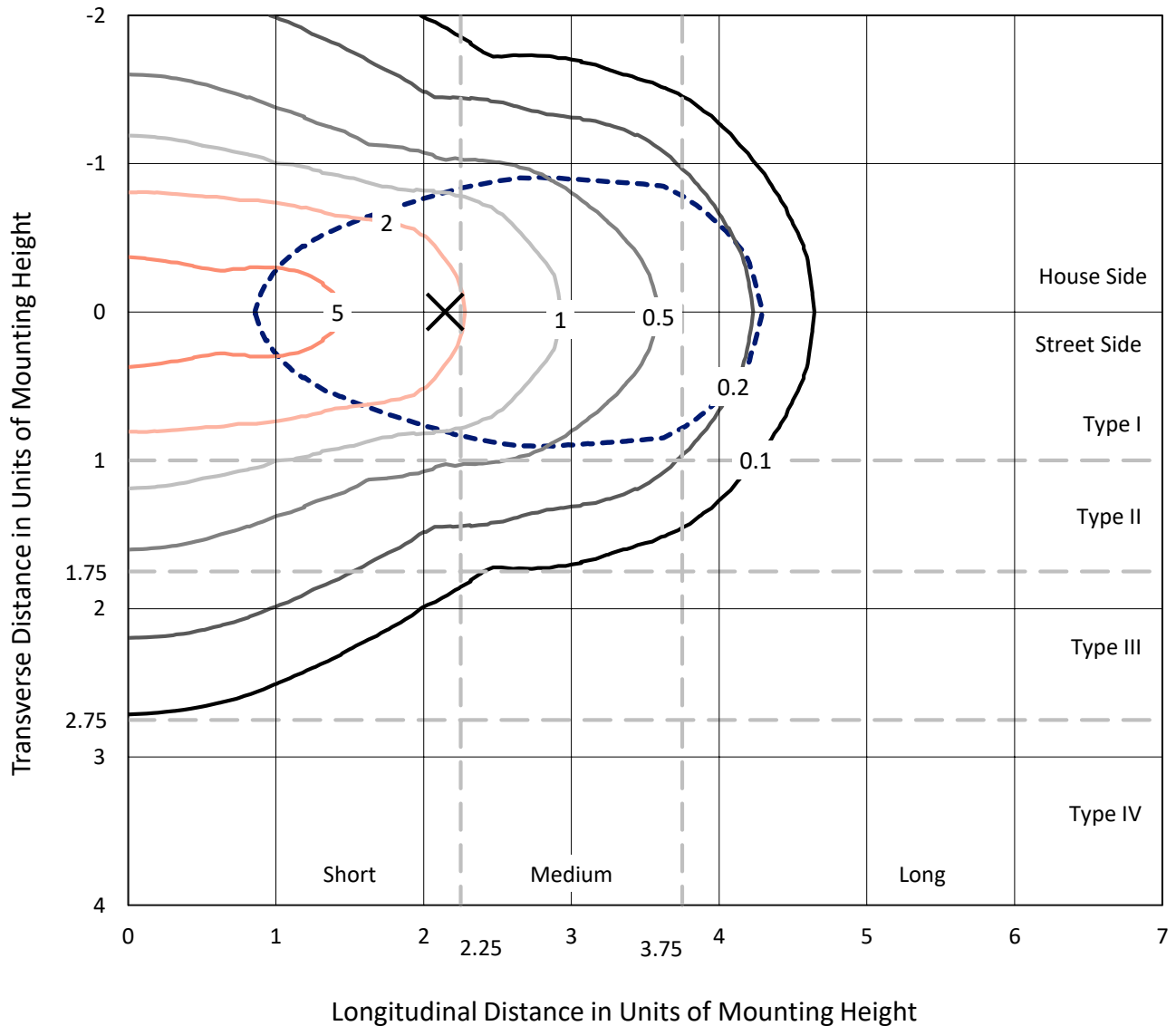


REPORT NUMBER: P233415

CATALOG NUMBER: VERD-C015-D-U-T1-7030

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

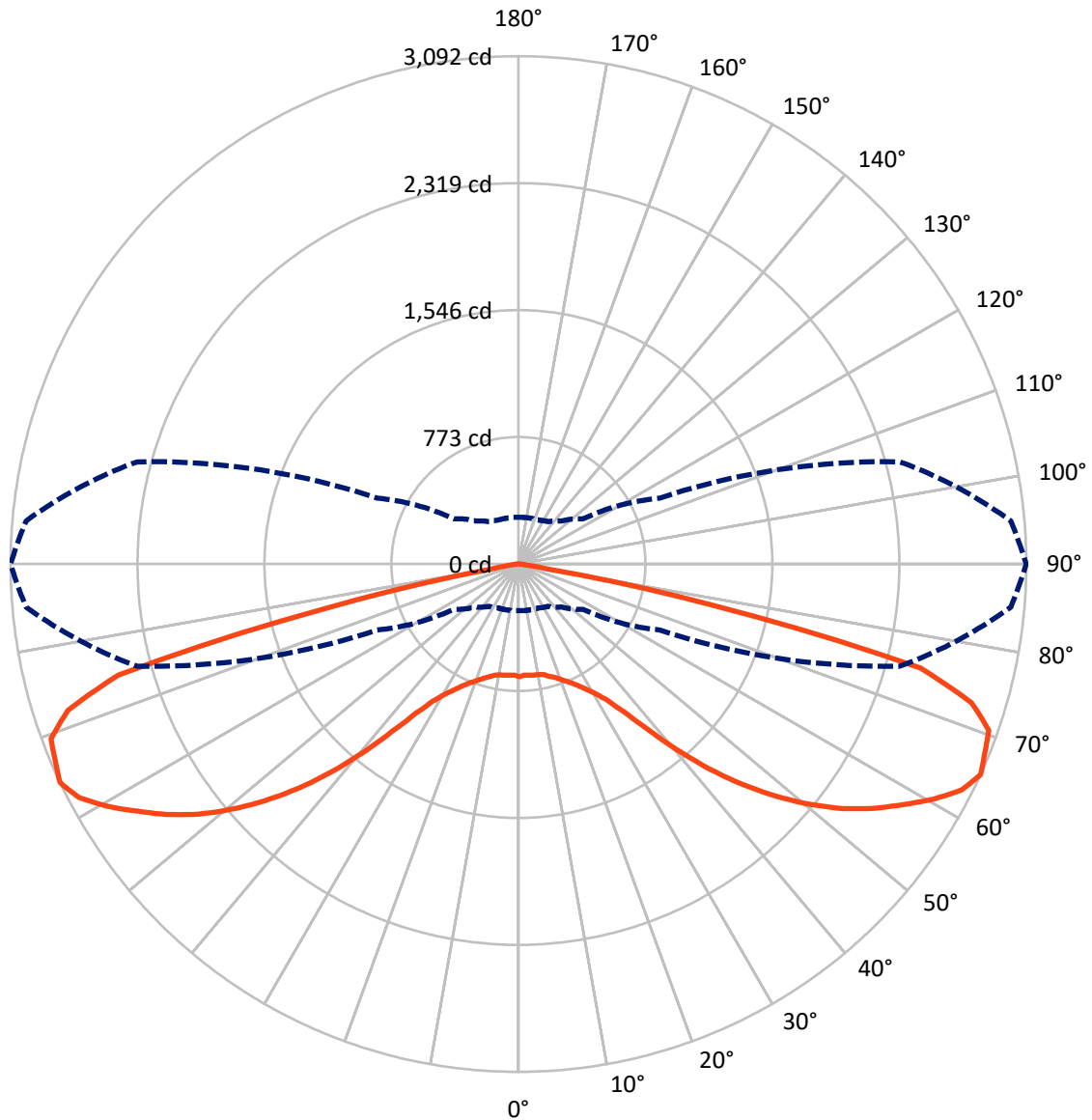


Based on 10 foot mounting height. Maximum calculated value = 6.9 fc
 Type V - Short - Full Cutoff

REPORT NUMBER: P233415

CATALOG NUMBER: VERD-C015-D-U-T1-7030

Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P233415

CATALOG NUMBER: VERD-C015-D-U-T1-7030

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2017.5	0.0	2017.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2017.5	0.0	2017.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	4035.0	0.0	4035.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.0	1.6
10°-20°	192.1	4.8
20°-30°	315.1	7.8
30°-40°	455.6	11.3
40°-50°	667.1	16.5
50°-60°	865.4	21.4
60°-70°	915.2	22.7
70°-80°	537.3	13.3
80°-90°	22.1	0.5
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	4035.0	100.0
0°-180°	4035.0	100.0



REPORT NUMBER: P233415

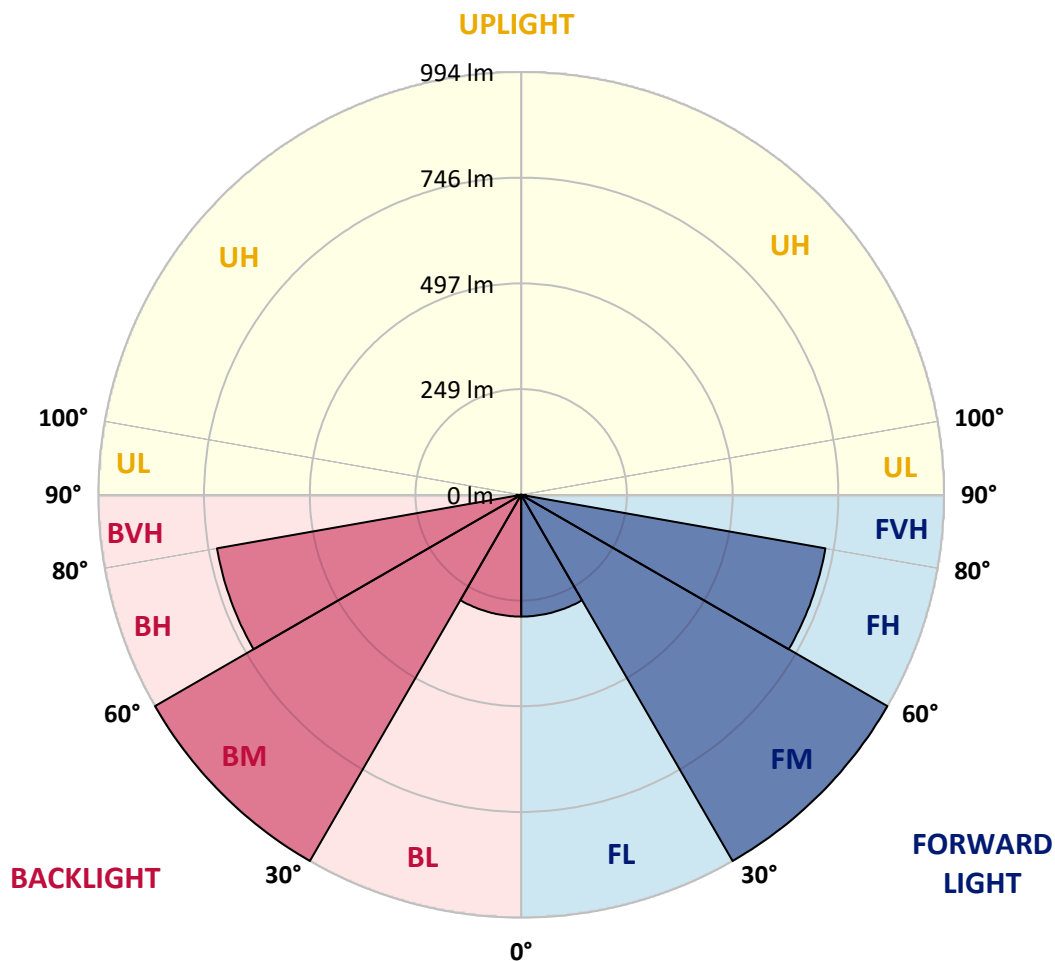
CATALOG NUMBER: VERD-C015-D-U-T1-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	286.1	7.1			
FM (30°-60°)	994.0	24.6			
FH (60°-80°)	726.3	18.0			G1/1800
FVH (80°-90°)	11.1	0.3			G1/100
BL (0°-30°)	286.1	7.1	B1/500		
BM (30°-60°)	994.0	24.6	B1/1000		
BH (60°-80°)	726.3	18.0	B2/1000		G1/1800
BVH (80°-90°)	11.1	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short





REPORT NUMBER: P233415

CATALOG NUMBER: VERD-C015-D-U-T1-7030

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	686.8	686.8	686.8	686.8	686.8	686.8	686.8	686.8	686.8	686.8	686.8
2.5°	693.4	692.7	688.9	683.3	681.6	683.0	682.6	680.9	680.9	681.6	677.0
5°	689.2	688.2	683.7	682.3	682.6	684.4	684.0	682.6	683.3	682.6	679.1
7.5°	681.9	680.9	678.1	677.4	676.7	679.5	682.3	684.0	686.1	685.0	682.6
10°	674.9	672.9	673.2	669.7	671.1	676.3	679.1	682.3	685.4	685.0	684.4
12.5°	664.5	662.4	663.5	662.4	667.3	673.6	681.9	687.8	691.3	690.3	691.3
15°	651.6	650.9	652.7	654.1	662.8	677.0	686.1	699.0	706.6	707.0	709.4
17.5°	637.0	635.6	638.7	644.0	660.0	675.6	698.3	712.6	723.7	725.4	727.5
20°	612.3	613.0	617.8	626.9	649.5	677.7	705.6	727.2	743.2	747.4	751.9
22.5°	581.3	583.0	592.1	610.9	640.1	675.3	713.6	744.3	767.2	776.6	779.4
25°	548.9	551.7	566.3	591.4	629.3	674.3	723.7	764.1	796.8	811.8	813.6
27.5°	520.0	522.4	541.2	573.3	619.2	674.6	732.8	788.1	832.4	854.3	857.8
30°	490.7	493.5	513.0	552.7	609.1	673.9	743.2	815.3	874.9	906.2	911.4
32.5°	465.6	468.4	488.6	530.1	596.6	672.9	755.7	848.4	926.1	976.9	983.9
35°	444.4	447.5	468.1	508.8	580.6	673.2	773.9	893.7	1005.5	1089.4	1103.0
37.5°	426.6	429.8	447.9	489.0	564.2	670.4	795.8	950.8	1110.6	1249.6	1274.7
40°	415.5	418.3	431.9	468.4	544.3	664.2	821.2	1014.2	1239.1	1441.8	1485.7
42.5°	404.0	407.1	418.3	449.6	523.1	654.7	843.5	1077.9	1373.2	1643.5	1706.2
45°	391.5	393.5	405.7	433.9	502.2	640.1	863.0	1138.8	1513.9	1848.3	1916.2
47.5°	381.0	382.1	392.2	418.3	480.3	618.5	868.2	1191.1	1656.0	2047.5	2114.0
50°	374.0	372.3	381.7	404.3	459.7	588.6	859.2	1230.1	1808.9	2237.6	2300.7
52.5°	363.2	362.9	370.2	390.8	440.2	554.1	826.8	1248.9	1961.8	2415.6	2474.1
55°	353.1	353.1	359.1	375.1	419.7	518.6	771.4	1241.2	2108.4	2584.2	2627.0
57.5°	338.5	338.2	343.0	357.7	395.6	485.1	701.4	1205.7	2227.5	2740.2	2763.5
60°	324.2	323.9	326.7	337.8	372.6	449.3	626.5	1136.1	2345.6	2878.1	2906.0
62.5°	306.1	305.8	308.6	318.3	346.9	411.0	553.1	1051.1	2414.9	2957.5	3029.6
65°	284.5	284.9	288.4	294.6	314.8	369.9	480.3	949.7	2403.4	3009.1	3092.3
67.5°	264.0	262.9	265.7	266.8	281.8	326.7	412.4	869.3	2315.7	3018.1	3063.4
70°	238.6	237.2	237.2	233.0	243.4	276.2	348.6	785.0	2066.3	2935.6	3038.7
72.5°	199.6	199.6	197.5	192.9	199.6	223.9	290.5	691.0	1674.1	2756.6	2884.4
75°	124.3	125.4	129.9	143.8	153.6	168.9	230.2	582.3	1367.7	2293.4	2529.1
77.5°	63.7	65.1	66.9	67.2	69.7	72.8	109.7	326.0	695.1	1142.7	1218.9
80°	16.0	16.4	39.4	43.9	47.0	48.4	40.4	108.7	180.1	168.6	164.7
82.5°	10.8	11.5	22.6	27.9	25.8	19.5	22.3	33.1	26.8	36.6	41.1
85°	5.9	5.9	10.1	10.8	11.1	12.5	11.1	10.8	12.2	23.3	27.2
87.5°	2.8	2.8	4.2	5.2	5.2	6.3	5.2	5.6	5.6	10.8	12.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)