

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: HALO

Report Number: P643384

Luminaire Tested: ML5615LSVWFL759FS1E - 696WB - 1500LM - 4000K

Issue Date: 2/17/2023

Test Information

Test Method: LM-79-2019
Report Number: P643384
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2212-866-92)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: HALO
Catalog Number: ML5615LSVWFL759FS1E - 696WB - 1500LM - 4000K
Description: ML56 RR, 75D TIR OPTIC, 6" SHALLOW WHITE BAFFLE TRIM
Light Source: (1) STANDARD SELECTABLE LUMEN LED 90CRI / 4000K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1939.1 lumens
Efficiency: N/A
Efficacy: 113.4 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.09
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

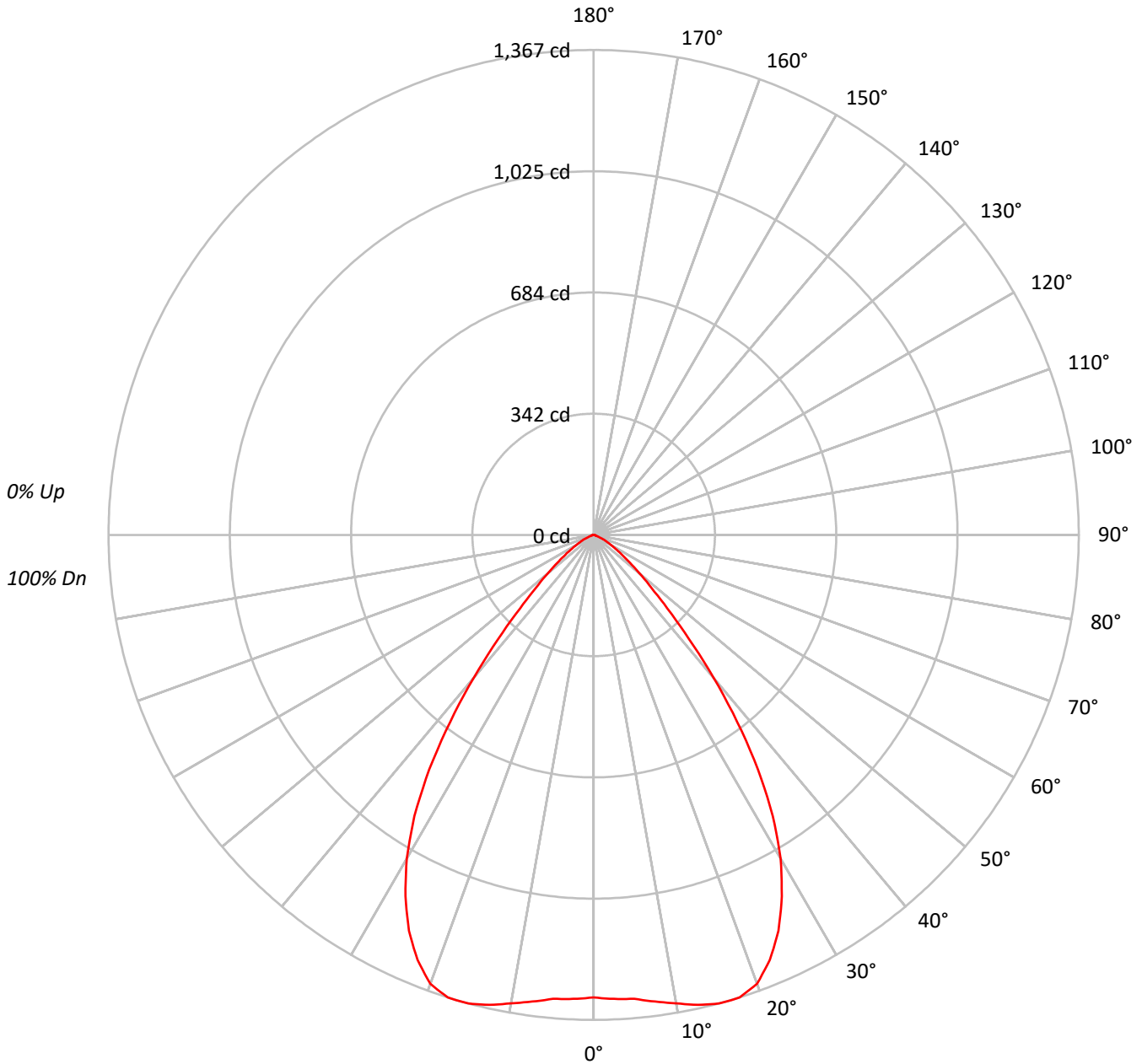
Input Watts (W): 17.1
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



TEST NUMBER: P643384

CATALOG NUMBER: ML5615LSVWFL759FS1E - 696WB - 1500LM - 4000K

Luminous Intensity Polar Plot





TEST NUMBER: P643384

CATALOG NUMBER: ML5615LSVWFL759FS1E - 696WB - 1500LM - 4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.3	6.5
10°-20°	385.3	19.9
20°-30°	560.3	28.9
30°-40°	496.1	25.6
40°-50°	239.6	12.4
50°-60°	91.4	4.7
60°-70°	31.5	1.6
70°-80°	6.3	0.3
80°-90°	2.4	0.1
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°-30°	1071.9	55.3
0°-40°	1568.0	80.9
0°-60°	1899.0	97.9
0°-90°	1939.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1939.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1304	
5°	1313	126
15°	1367	385
25°	1231	560
35°	807	496
45°	293	240
55°	97	91
65°	32	31
75°	5	6
85°	2	2
90°	0	



TEST NUMBER: P643384

CATALOG NUMBER: ML5615LSVWFL759FS1E - 696WB - 1500LM - 4000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	1303.8
2.5°	1309.1
5°	1312.7
7.5°	1326.8
10°	1340.9
12.5°	1356.8
15°	1367.4
17.5°	1367.4
20°	1346.2
22.5°	1296.8
25°	1231.4
27.5°	1148.4
30°	1053.0
32.5°	939.9
35°	807.4
37.5°	664.3
40°	524.7
42.5°	397.5
45°	293.3
47.5°	219.1
50°	169.6
52.5°	129.0
55°	97.2
57.5°	72.4
60°	56.5
62.5°	42.4
65°	31.8
67.5°	19.4
70°	12.4
72.5°	7.1
75°	5.3
77.5°	3.5
80°	3.5
82.5°	3.5
85°	1.8
87.5°	1.8
90°	0.0

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



Report Generated By 670245859 / DESKTOP-T8S5UU9

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



— 0°-180°

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)