

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: PORTFOLIO

Report Number: P788570

Luminaire Tested: LER6D08D010-EC6DR550210IC9027-6LBDP1MW

Issue Date: 2/2/2024

Test Information

Test Method: LM-79-2019
Report Number: P788570
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-52)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/2/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LER6D08D010-EC6DR550210IC9027-6LBDP1MW
Description: 6 INCH ROUND DEEP 45° CUTOFF MATTE WHITE TRIM, WITH 55° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 2700K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1230.1 lumens
Efficiency: N/A
Efficacy: 138.2 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.89 / 0.87
Luminous Opening: Circular (Dia: 0.35' x H: 0')
CIE Type: Direct

Input Watts (W): 8.9
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

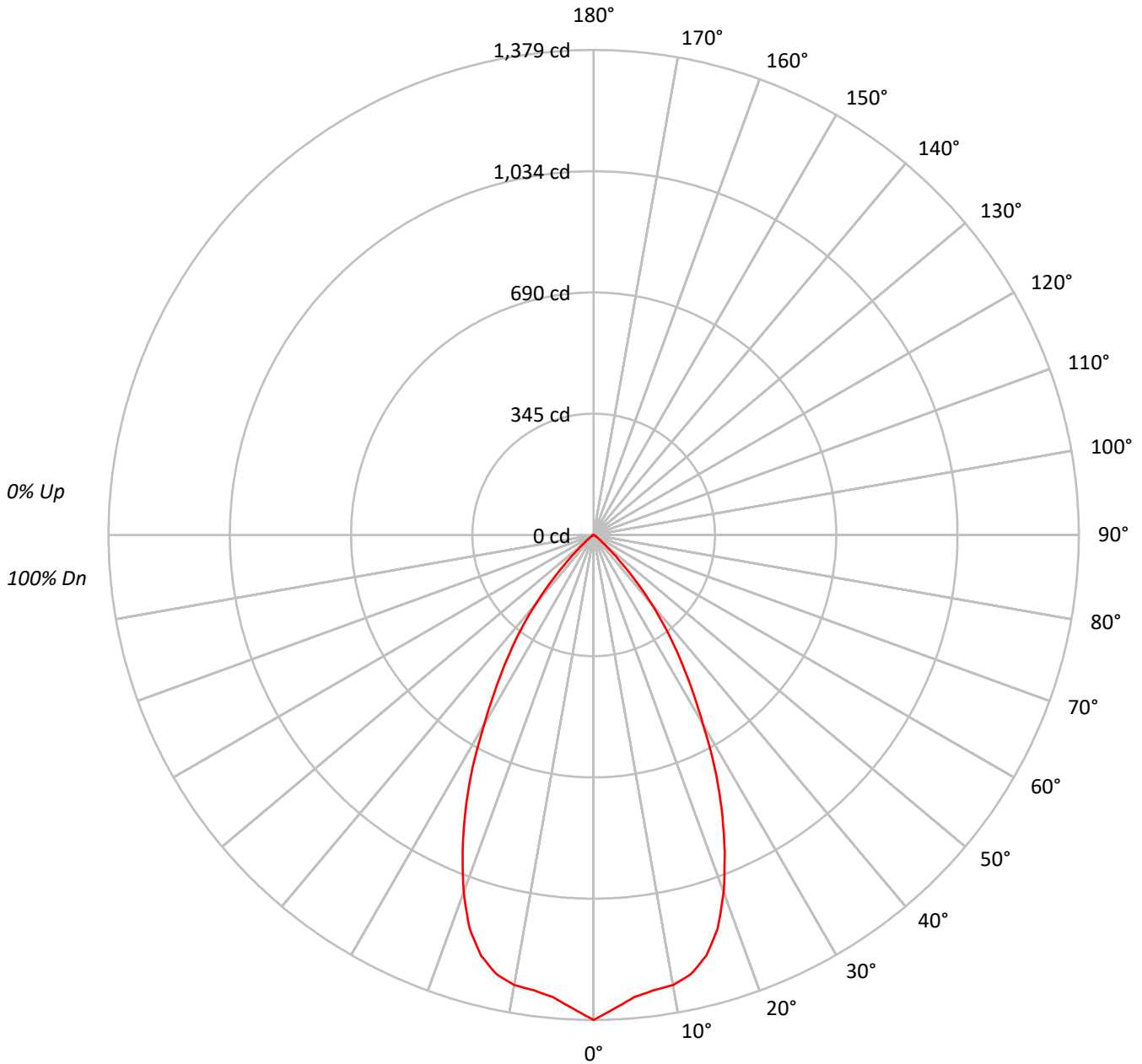


Downlight

TEST NUMBER: P788570

CATALOG NUMBER: LER6D08D010-EC6DR550210IC9027-6LBDP1MW

Luminous Intensity Polar Plot





TEST NUMBER: P788570

CATALOG NUMBER: LER6D08D010-EC6DR550210IC9027-6LBDP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.6	10.2
10°-20°	342.7	27.9
20°-30°	390.5	31.7
30°-40°	265.8	21.6
40°-50°	91.6	7.4
50°-60°	12.7	1.0
60°-70°	1.2	0.1
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	858.8	69.8
0°-40°	1124.6	91.4
0°-60°	1228.9	99.9
0°-90°	1230.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1230.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1379	
5°	1320	126
15°	1238	343
25°	861	391
35°	426	266
45°	108	92
55°	12	13
65°	0	1
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P788570

CATALOG NUMBER: LER6D08D010-EC6DR550210IC9027-6LBDP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1379.4
2.5°	1347.8
5°	1319.6
7.5°	1305.8
10°	1299.6
12.5°	1279.1
15°	1238.1
17.5°	1172.9
20°	1079.9
22.5°	972.6
25°	860.8
27.5°	744.4
30°	621.3
32.5°	517.1
35°	426.1
37.5°	339.6
40°	255.0
42.5°	176.7
45°	107.5
47.5°	57.9
50°	32.0
52.5°	19.0
55°	12.3
57.5°	7.9
60°	4.6
62.5°	2.1
65°	0.5
67.5°	0.2
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
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)