

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: P774317

Luminaire Tested: LD6D95BD010-EU6DR3570959050-6LBDP1LI

Issue Date: 2/2/2024

Test Information

Test Method: LM-79-2019
Report Number: P774317
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-20)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/2/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LD6D95BD010-EU6DR3570959050-6LBDP1LI
Description: 6 INCH ROUND DEEP 45° CUTOFF SPECULAR CLEAR TRIM, WITH 35° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 5000K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11945.7 lumens
Efficiency: N/A
Efficacy: 120.4 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.54
Luminous Opening: Circular (Dia: 0.35' x H: 0')
CIE Type: Direct

Input Watts (W): 99.2
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: 24 FT

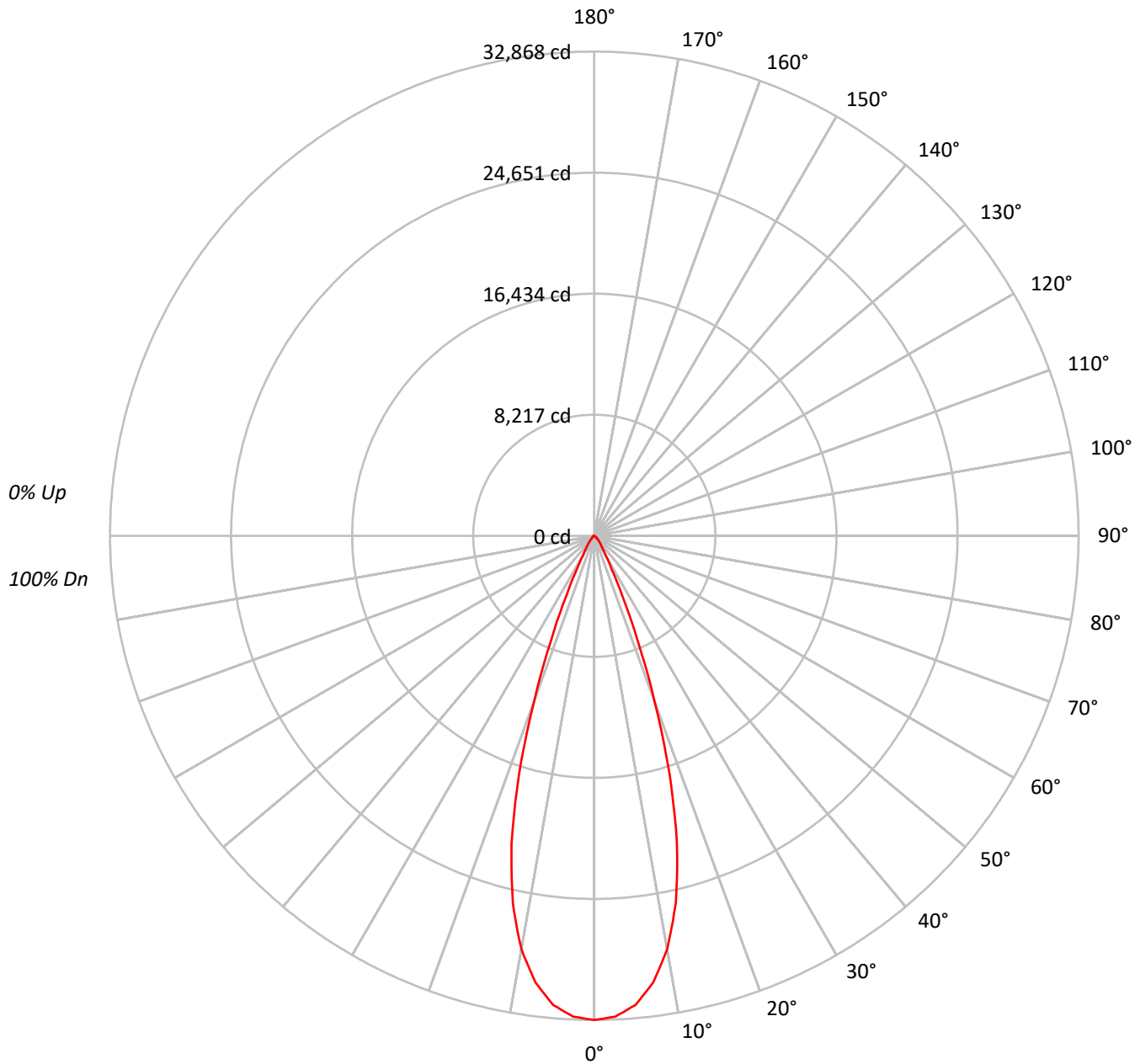


Downlight

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	115	112	110	108	112	110	108	107	106	105	103	103	101	100	99	98	98	96		
2	110	106	103	101	108	105	102	99	102	99	97	99	97	95	96	95	93	92		
3	106	101	97	94	105	100	96	93	97	95	92	95	93	91	93	91	89	88		
4	103	97	92	89	101	96	92	89	94	90	88	92	89	87	90	88	86	84		
5	99	93	88	85	98	92	87	84	90	86	84	89	85	83	87	84	82	81		
6	96	89	84	81	94	88	84	81	87	83	80	85	82	80	84	81	79	78		
7	93	85	81	78	91	85	80	77	84	80	77	83	79	77	82	79	76	75		
8	90	82	78	74	88	82	77	74	81	77	74	80	76	74	79	76	73	72		
9	87	79	75	72	86	79	75	72	78	74	71	77	74	71	77	73	71	70		
10	84	77	72	69	83	76	72	69	76	72	69	75	71	69	74	71	69	68		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	3591237
5°	3506848
10°	3160604
15°	2453138
20°	1391379
25°	541308
30°	201950
35°	110694
40°	72356
45°	44038
50°	28030
55°	19811
60°	14488
65°	7885
70°	575
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44038 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2940.7	24.6
10°-20°	5741.5	48.1
20°-30°	2341.6	19.6
30°-40°	560.4	4.7
40°-50°	233.5	2.0
50°-60°	96.7	0.8
60°-70°	30.3	0.3
70°-80°	0.7	0.0
80°-90°	0.5	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°	11023.7	92.3
0°-40°	11584.1	97.0
0°-60°	11914.3	99.7
0°-90°	11945.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11945.7	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	32868	
5°	31974	###
15°	21687	5741
25°	4490	2342
35°	830	560
45°	285	234
55°	104	97
65°	30	30
75°	0	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	32868.5
2.5°	32671.3
5°	31974.0
7.5°	30583.1
10°	28487.7
12.5°	25537.3
15°	21687.1
17.5°	16978.2
20°	11966.5
22.5°	7630.5
25°	4490.1
27.5°	2538.1
30°	1600.7
32.5°	1123.9
35°	829.9
37.5°	641.7
40°	507.3
42.5°	390.8
45°	285.0
47.5°	213.3
50°	164.9
52.5°	130.9
55°	104.0
57.5°	84.2
60°	66.3
62.5°	48.4
65°	30.5
67.5°	10.8
70°	1.8
72.5°	1.8
75°	0.0
77.5°	0.0
80°	0.0
82.5°	1.8
85°	0.0
87.5°	0.0
90°	0.0



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





— 0°-180°







(END OF REPORT)