

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: P1320123

Luminaire Tested: LDSQA3D13R359840DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320123
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R359840DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 98CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

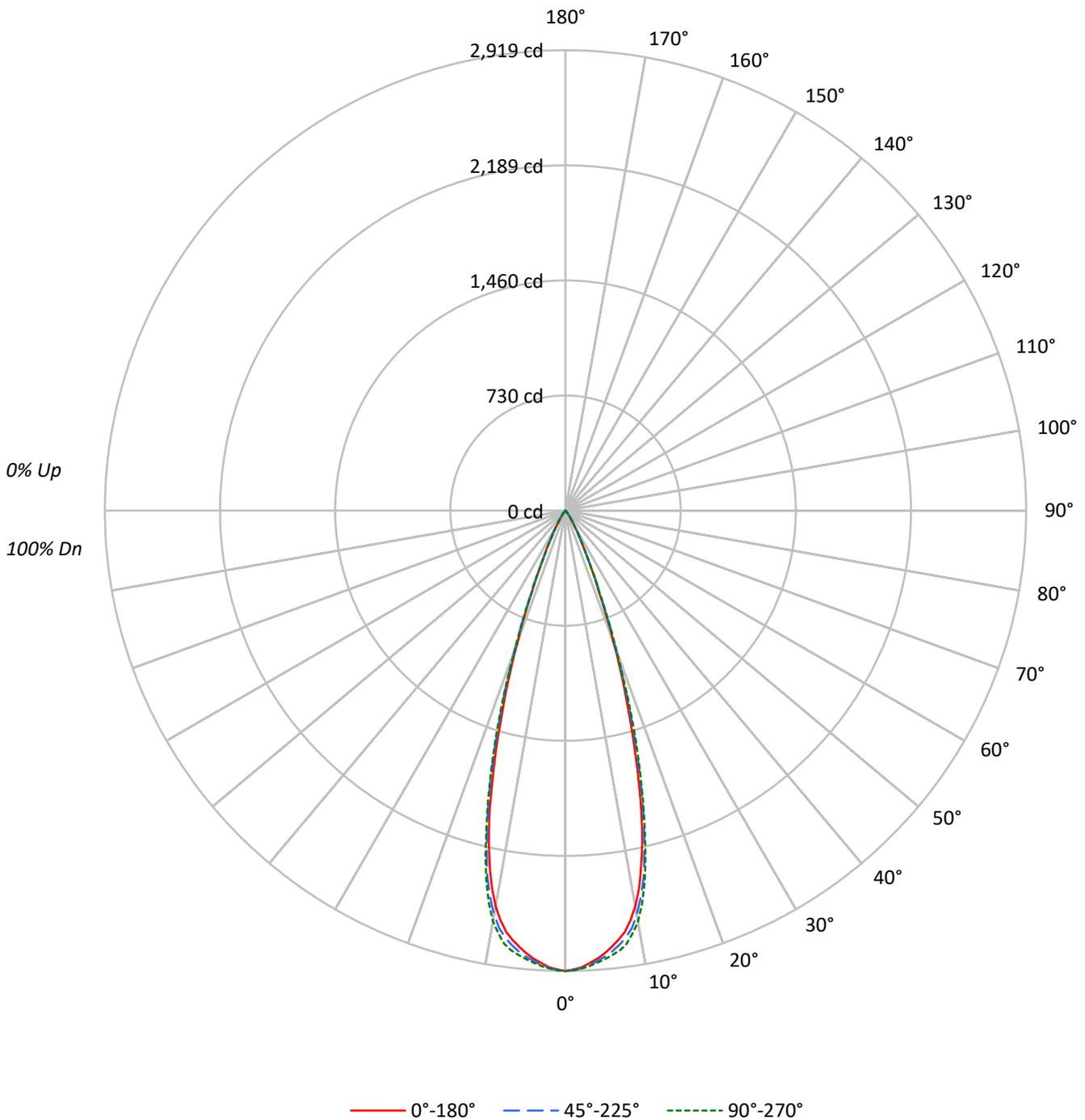
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 972.0 lumens
Efficiency: N/A
Efficacy: 67.0 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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

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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				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	96	96	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	93	93	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	89	89	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	86	86	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	83	83	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	80	80	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	78	78	78	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	75	75	75	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	73	73	73	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	71	71	71	71

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	502770	502770	502770
5°	487523	490981	493643
10°	445505	454931	462731
15°	320384	334380	337126
20°	163115	171289	171711
25°	61892	63203	61436
30°	24043	27861	23426
35°	8263	12951	7779
40°	2765	5014	2585
45°	195	1681	195
50°	0	214	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1681 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	264.3	27.2
10°-20°	492.4	50.7
20°-30°	177.0	18.2
30°-40°	34.5	3.6
40°-50°	3.8	0.4
50°-60°	0.0	0.0
60°-70°	0.0	0.0
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°	933.6	96.0
0°-40°	968.1	99.6
0°-60°	972.0	100.0
0°-90°	972.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	972.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2919	2919	2919	2919	2919	
5°	2820	2828	2840	2853	2855	261
15°	1797	1827	1875	1888	1891	477
25°	326	329	333	330	323	171
35°	39	45	62	45	37	29
45°	1	2	7	2	1	2
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2919.3	2919.3	2919.3	2919.3	2919.3
1°	2910.9	2914.7	2915.5	2920.9	2914.7
2°	2898.5	2900.9	2903.9	2908.6	2905.5
3°	2874.7	2879.3	2886.2	2892.4	2892.4
4°	2849.3	2855.4	2863.9	2874.7	2873.9
5°	2820.0	2827.7	2840.0	2853.1	2855.4
6°	2783.1	2792.3	2812.3	2830.8	2833.9
7°	2743.8	2757.7	2776.9	2803.9	2810.8
8°	2697.6	2708.4	2736.1	2767.7	2775.4
9°	2629.9	2646.0	2681.4	2710.7	2715.3
10°	2547.5	2559.0	2601.4	2632.2	2646.0
11°	2441.2	2458.2	2499.8	2531.3	2540.6
12°	2305.8	2330.4	2378.9	2402.0	2409.7
13°	2159.5	2180.3	2218.0	2246.5	2252.6
14°	1994.7	2014.7	2054.0	2077.1	2071.7
15°	1796.9	1826.9	1875.4	1888.5	1890.8
17.5°	1327.3	1346.5	1389.6	1410.4	1425.0
20°	890.0	908.4	934.6	948.5	936.9
22.5°	541.2	556.6	570.5	569.7	565.9
25°	325.7	328.7	332.6	330.3	323.3
27.5°	190.2	198.6	210.2	202.5	190.9
30°	120.9	127.8	140.1	127.0	117.8
32.5°	63.9	80.8	93.9	76.2	67.0
35°	39.3	44.7	61.6	45.4	37.0
37.5°	23.9	27.7	38.5	26.9	21.6
40°	12.3	17.7	22.3	16.2	11.5
42.5°	3.8	8.5	12.3	7.7	3.8
45°	0.8	2.3	6.9	2.3	0.8
47.5°	0.0	0.0	3.1	0.8	0.0
50°	0.0	0.0	0.8	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)