

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: P1310212

Luminaire Tested: LDSQA3D09R359035DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310212
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: LDSQA3D09R359035DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

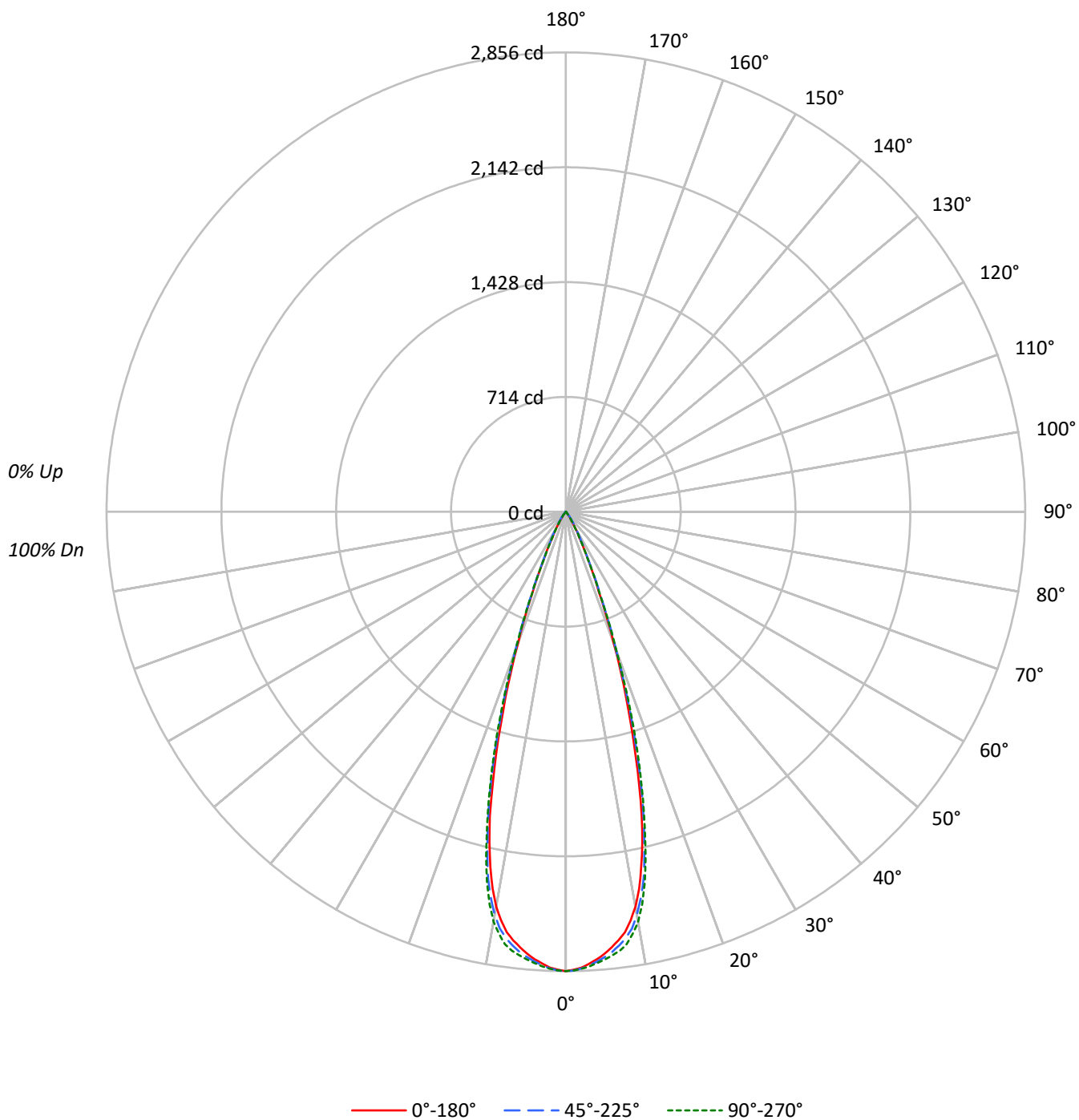
Lumens per Lamp: N/A
Luminaire Lumens: 951.0 lumens
Efficiency: N/A
Efficacy: 85.7 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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
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	99	98
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	95	94
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	92	91
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	88	87
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	85	84
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	82	81
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	79	78
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	77	76	75
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	74	73	72
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	71	70	69
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	69	67	65

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	491920	491920	491920
5°	476995	480383	482976
10°	435887	445103	452745
15°	313448	327159	329833
20°	159578	167587	168009
25°	60542	61835	60124
30°	23526	27264	22909
35°	8073	12678	7611
40°	2720	4901	2540
45°	195	1656	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: 1656 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	258.6	27.2
10°-20°	481.7	50.7
20°-30°	173.1	18.2
30°-40°	33.8	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°	913.4	96.0
0°-40°	947.2	99.6
0°-60°	951.0	100.0
0°-90°	951.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	951.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2856	2856	2856	2856	2856	
5°	2759	2767	2779	2792	2794	256
15°	1758	1787	1835	1848	1850	467
25°	319	322	325	323	316	167
35°	38	44	60	44	36	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2856.3	2856.3	2856.3	2856.3	2856.3
1°	2848.0	2851.7	2852.5	2857.8	2851.7
2°	2835.9	2838.2	2841.2	2845.7	2842.7
3°	2812.6	2817.1	2823.9	2829.9	2829.9
4°	2787.7	2793.7	2802.0	2812.6	2811.8
5°	2759.1	2766.6	2778.7	2791.5	2793.7
6°	2722.9	2732.0	2751.6	2769.6	2772.7
7°	2684.5	2698.1	2716.9	2743.3	2750.1
8°	2639.3	2649.9	2677.0	2707.9	2715.4
9°	2573.0	2588.9	2623.5	2652.1	2656.7
10°	2492.5	2503.7	2545.2	2575.3	2588.9
11°	2388.5	2405.1	2445.7	2476.6	2485.7
12°	2255.9	2280.0	2327.5	2350.1	2357.6
13°	2112.8	2133.2	2170.1	2197.9	2204.0
14°	1951.6	1971.2	2009.6	2032.2	2027.0
15°	1758.0	1787.4	1834.9	1847.7	1849.9
17.5°	1298.6	1317.4	1359.6	1379.9	1394.2
20°	870.7	888.8	914.4	928.0	916.7
22.5°	529.5	544.6	558.1	557.4	553.6
25°	318.6	321.6	325.4	323.1	316.4
27.5°	186.0	194.3	205.6	198.1	186.8
30°	118.3	125.0	137.1	124.3	115.2
32.5°	62.5	79.1	91.9	74.6	65.5
35°	38.4	43.7	60.3	44.4	36.2
37.5°	23.4	27.1	37.7	26.4	21.1
40°	12.1	17.3	21.8	15.8	11.3
42.5°	3.8	8.3	12.1	7.5	3.8
45°	0.8	2.3	6.8	2.3	0.8
47.5°	0.0	0.0	3.0	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)