

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: P1314349

Luminaire Tested: LDSQA3D05R359730DE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314349
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R359730DE010 3LSQPHRLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

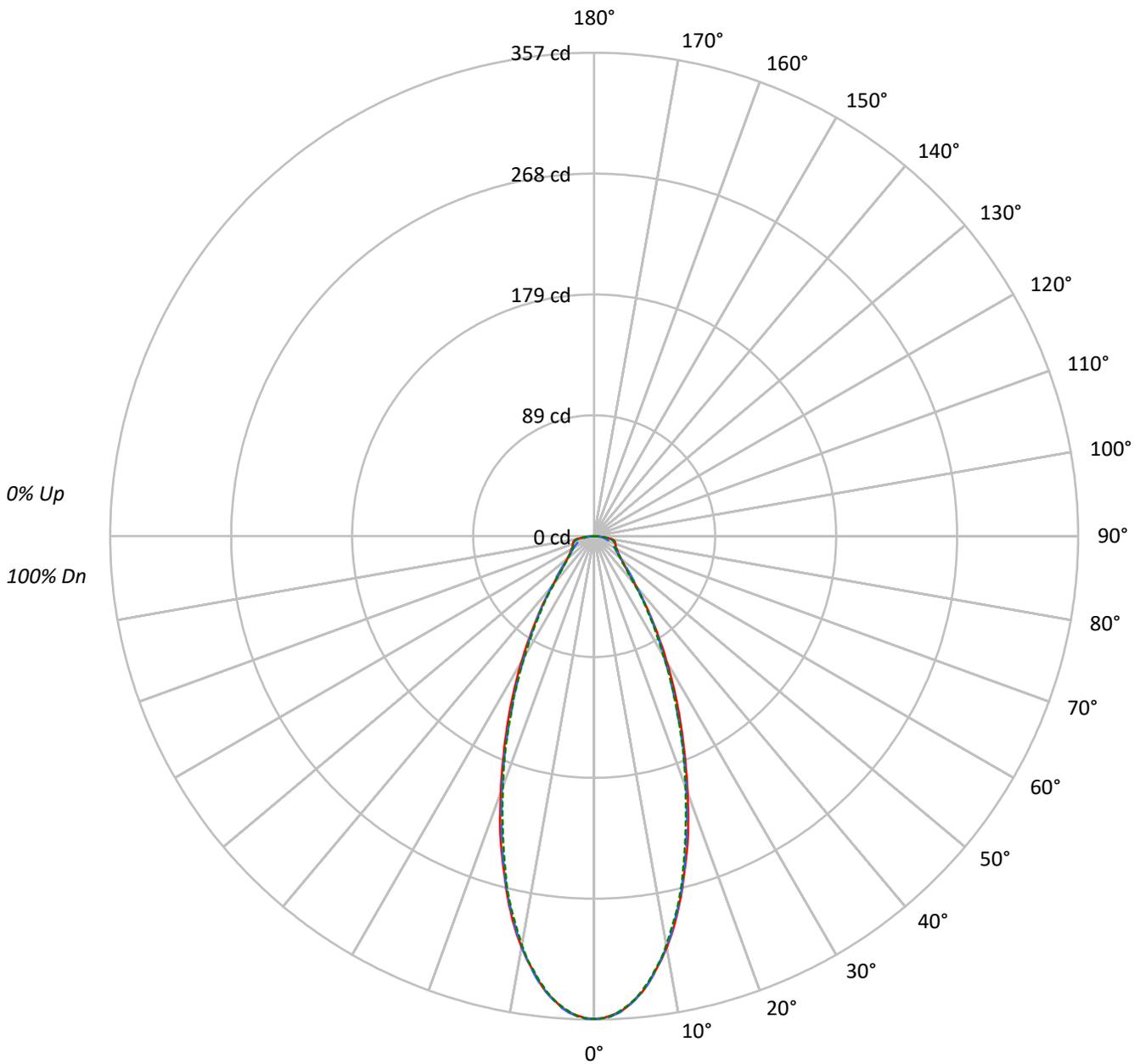
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 295.0 lumens
Efficiency: N/A
Efficacy: 41.0 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° ···· 90°-270°



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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	102	102	102	100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	91	91	91	89
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	81	81	81	79
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	74	74	74	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	67	67	67	65
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	66	62	62	62	62	60
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	57	57	57	56
7	77	66	60	55	76	66	59	54	64	58	54	63	58	54	62	57	54	54	54	54	52
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	50	50	50	49
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	47	47	47	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	44	44	44	43

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	61415	61415	61415
5°	59384	59471	59384
10°	53950	53880	53636
15°	45805	45644	45234
20°	36875	36380	36050
25°	28504	27649	27649
30°	21259	20543	20364
35°	15285	15096	14738
40°	10701	10994	10297
45°	7989	8427	7770
50°	6859	6859	6725
55°	6486	6215	6336
60°	6648	6028	6338
65°	7131	6031	6968
70°	8359	6345	8157
75°	10447	6588	10181
80°	13389	7141	12001
85°	10671	7114	10671

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 13389 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.7	10.7
10°-20°	70.7	24.0
20°-30°	67.5	22.9
30°-40°	45.3	15.4
40°-50°	26.6	9.0
50°-60°	19.0	6.5
60°-70°	15.8	5.4
70°-80°	13.0	4.4
80°-90°	5.3	1.8
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°	169.8	57.6
0°-40°	215.2	72.9
0°-60°	260.8	88.4
0°-90°	295.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	295.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	357	357	357	357	357	
5°	344	344	344	344	344	32
15°	257	257	256	254	254	71
25°	150	148	146	146	146	69
35°	73	73	72	70	70	46
45°	33	34	35	33	32	26
55°	22	21	21	21	21	20
65°	18	16	15	16	17	17
75°	16	12	10	12	15	16
85°	5	6	4	6	5	6
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	356.6	356.6	356.6	356.6	356.6
1°	356.1	356.6	356.6	356.1	356.1
2°	354.3	355.2	354.8	354.3	354.8
3°	352.1	353.0	352.5	352.1	351.6
4°	348.5	349.4	348.9	348.0	348.0
5°	343.5	344.4	344.0	343.5	343.5
6°	338.6	339.5	338.6	337.7	337.7
7°	331.9	333.2	332.3	331.4	331.0
8°	324.2	325.6	324.7	324.2	323.3
9°	316.6	317.5	316.1	316.1	316.1
10°	308.5	309.0	308.1	306.7	306.7
11°	299.5	299.1	298.6	297.7	296.8
12°	289.6	289.6	288.3	287.4	286.9
13°	279.3	278.9	278.0	277.1	277.1
14°	268.5	268.5	267.6	265.8	266.3
15°	256.9	257.3	256.0	254.2	253.7
17.5°	230.4	229.5	227.2	225.9	224.5
20°	201.2	200.7	198.5	197.1	196.7
22.5°	174.2	173.8	171.5	170.2	171.1
25°	150.0	148.2	145.5	145.5	145.5
27.5°	127.5	125.3	123.5	122.6	123.5
30°	106.9	105.1	103.3	102.8	102.4
32.5°	88.5	87.6	86.7	85.3	85.3
35°	72.7	72.7	71.8	70.5	70.1
37.5°	59.3	59.7	59.3	57.9	57.5
40°	47.6	48.5	48.9	47.6	45.8
42.5°	39.1	40.4	41.3	39.1	37.7
45°	32.8	33.7	34.6	32.8	31.9
47.5°	28.7	29.2	29.6	28.3	27.8
50°	25.6	25.6	25.6	25.1	25.1
52.5°	23.4	23.4	22.9	22.5	22.5
55°	21.6	21.1	20.7	20.7	21.1
57.5°	20.2	19.8	18.9	19.3	19.8
60°	19.3	18.4	17.5	18.0	18.4
62.5°	18.0	17.1	16.2	16.6	17.5
65°	17.5	15.7	14.8	15.7	17.1
67.5°	17.1	14.8	13.5	14.8	16.6
70°	16.6	13.9	12.6	13.9	16.2
72.5°	16.2	13.0	11.2	13.0	15.7
75°	15.7	12.1	9.9	12.1	15.3
77.5°	14.8	11.2	8.5	11.2	13.9
80°	13.5	10.3	7.2	9.9	12.1
82.5°	9.9	8.5	5.8	8.5	9.0
85°	5.4	5.8	3.6	5.8	5.4
87.5°	0.4	0.9	0.9	2.7	1.8



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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)