

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: P1324749

Luminaire Tested: LDSQA3D05R30W2N902750DE010 3LSQPHRLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324749
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R30W2N902750DE010 3LSQPHRLP1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

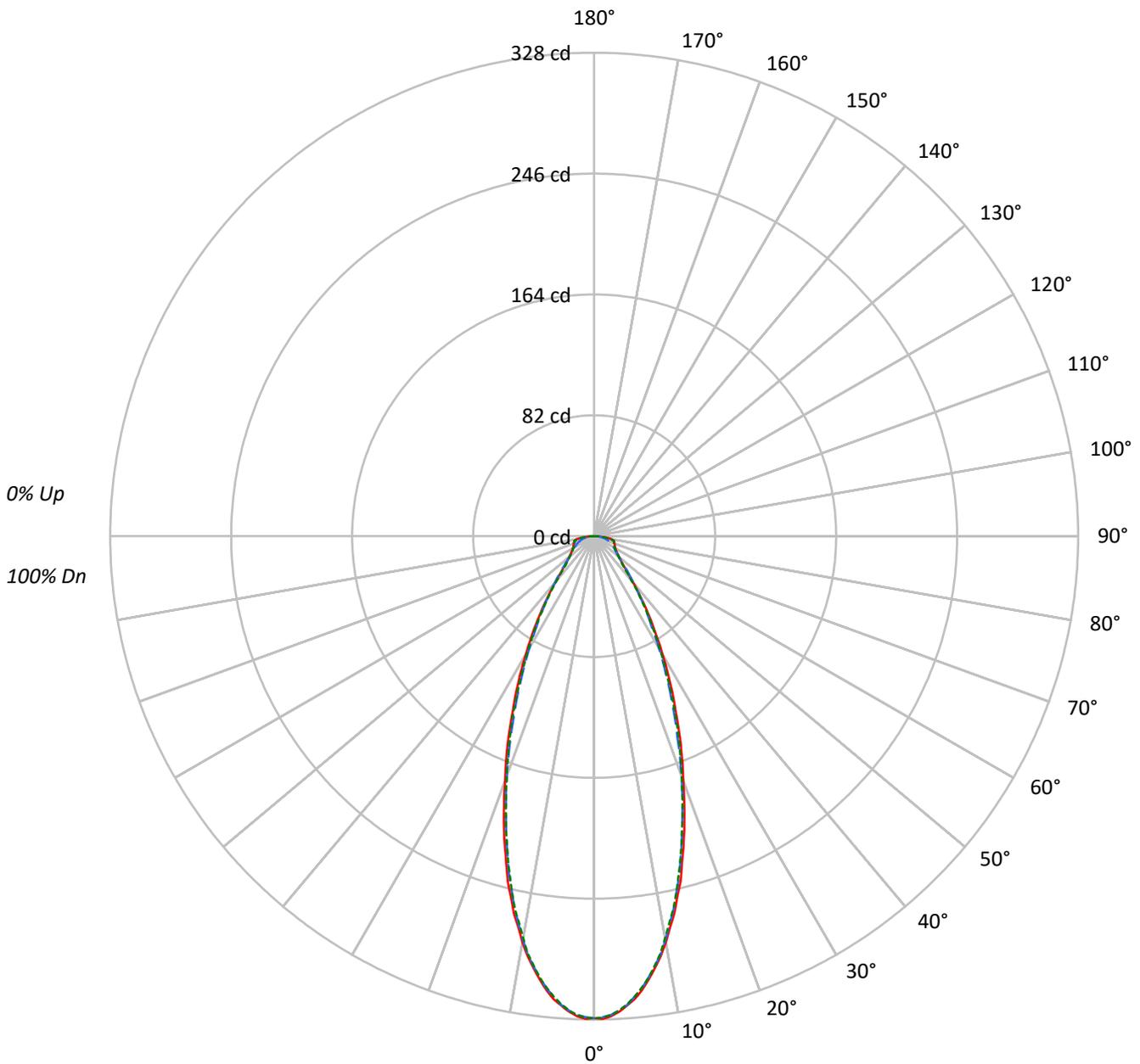
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 258.0 lumens
Efficiency: N/A
Efficacy: 43.7 lumens/watt
Spacing Criteria (0/90/45): 0.67 / 0.66 / 0.7
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89
2	104	98	92	88	102	96	91	87	92	88	85	89	86	83	86	84	81	79
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	66
5	86	76	69	64	85	75	69	64	74	68	63	72	67	63	70	66	62	61
6	82	71	64	59	80	70	64	59	69	63	59	67	62	58	66	61	58	56
7	77	67	60	55	76	66	60	55	65	59	55	63	58	54	62	57	54	52
8	74	63	56	51	72	62	56	51	61	55	51	60	55	51	59	54	51	49
9	70	59	53	48	69	59	52	48	58	52	48	57	51	48	56	51	48	46
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	43

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	56351	56351	56351
5°	54509	54233	54233
10°	48931	48651	48442
15°	41009	40367	40295
20°	32366	31725	31725
25°	24779	23810	24247
30°	18395	17441	17838
35°	13287	12720	12804
40°	9150	9330	8880
45°	6844	7112	6552
50°	5921	5814	5814
55°	5585	5345	5465
60°	5718	5304	5580
65°	6276	5298	6113
70°	7352	5388	7150
75°	9449	5789	9183
80°	11802	6248	11009
85°	9287	6323	8497

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 11802 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.8	11.2
10°-20°	62.7	24.3
20°-30°	58.5	22.7
30°-40°	38.8	15.0
40°-50°	22.6	8.8
50°-60°	16.4	6.4
60°-70°	13.9	5.4
70°-80°	11.5	4.5
80°-90°	4.8	1.9
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°	150.0	58.2
0°-40°	188.8	73.2
0°-60°	227.9	88.3
0°-90°	258.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	258.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	327	327	327	327	327	
5°	315	315	314	314	314	29
15°	230	228	226	226	226	64
25°	130	128	125	126	128	60
35°	63	62	60	61	61	40
45°	28	28	29	28	27	22
55°	19	18	18	18	18	17
65°	15	14	13	14	15	15
75°	14	11	9	11	14	15
85°	5	6	3	5	4	5
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	327.2	327.2	327.2	327.2	327.2
1°	327.6	327.2	326.4	326.8	326.8
2°	326.0	325.6	325.2	325.2	325.2
3°	323.2	322.8	322.4	322.4	322.4
4°	319.3	318.9	318.9	318.5	318.5
5°	315.3	314.9	313.7	313.7	313.7
6°	309.8	309.4	308.6	308.2	308.2
7°	303.1	303.1	301.9	301.5	301.9
8°	296.0	295.6	294.8	294.4	294.4
9°	288.4	287.3	287.3	286.1	286.9
10°	279.8	279.0	278.2	277.4	277.0
11°	269.9	269.5	268.3	267.5	267.1
12°	261.6	259.6	258.8	257.6	258.4
13°	250.9	249.7	247.7	247.4	247.7
14°	241.8	239.5	237.9	237.1	236.7
15°	230.0	227.6	226.4	226.0	226.0
17.5°	203.5	201.9	198.8	198.8	198.8
20°	176.6	175.0	173.1	172.7	173.1
22.5°	153.3	150.5	147.4	147.8	150.2
25°	130.4	128.0	125.3	125.7	127.6
27.5°	111.0	107.9	105.1	105.9	107.1
30°	92.5	90.5	87.7	88.5	89.7
32.5°	76.7	75.5	72.3	73.1	74.3
35°	63.2	62.0	60.5	60.9	60.9
37.5°	50.6	50.6	50.2	49.8	49.4
40°	40.7	41.5	41.5	40.3	39.5
42.5°	33.2	34.0	34.8	33.2	32.0
45°	28.1	28.4	29.2	27.7	26.9
47.5°	24.5	24.5	25.3	24.1	23.7
50°	22.1	22.1	21.7	21.3	21.7
52.5°	20.2	19.8	19.4	19.8	19.8
55°	18.6	18.2	17.8	18.2	18.2
57.5°	17.4	17.0	16.6	16.6	17.0
60°	16.6	15.8	15.4	15.8	16.2
62.5°	15.8	14.6	14.2	14.6	15.4
65°	15.4	13.8	13.0	13.8	15.0
67.5°	15.0	13.0	11.9	13.0	14.6
70°	14.6	12.2	10.7	12.2	14.2
72.5°	14.2	11.5	9.9	11.5	14.2
75°	14.2	10.7	8.7	10.7	13.8
77.5°	13.4	9.9	7.5	9.9	13.0
80°	11.9	9.1	6.3	8.7	11.1
82.5°	8.7	7.9	4.7	7.5	8.3
85°	4.7	5.5	3.2	5.1	4.3
87.5°	0.8	1.2	0.8	2.4	1.6



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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)