

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: P1324752

Luminaire Tested: LDSQA3D05R30W2N902750DE010 3LSQPHRLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324752
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_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

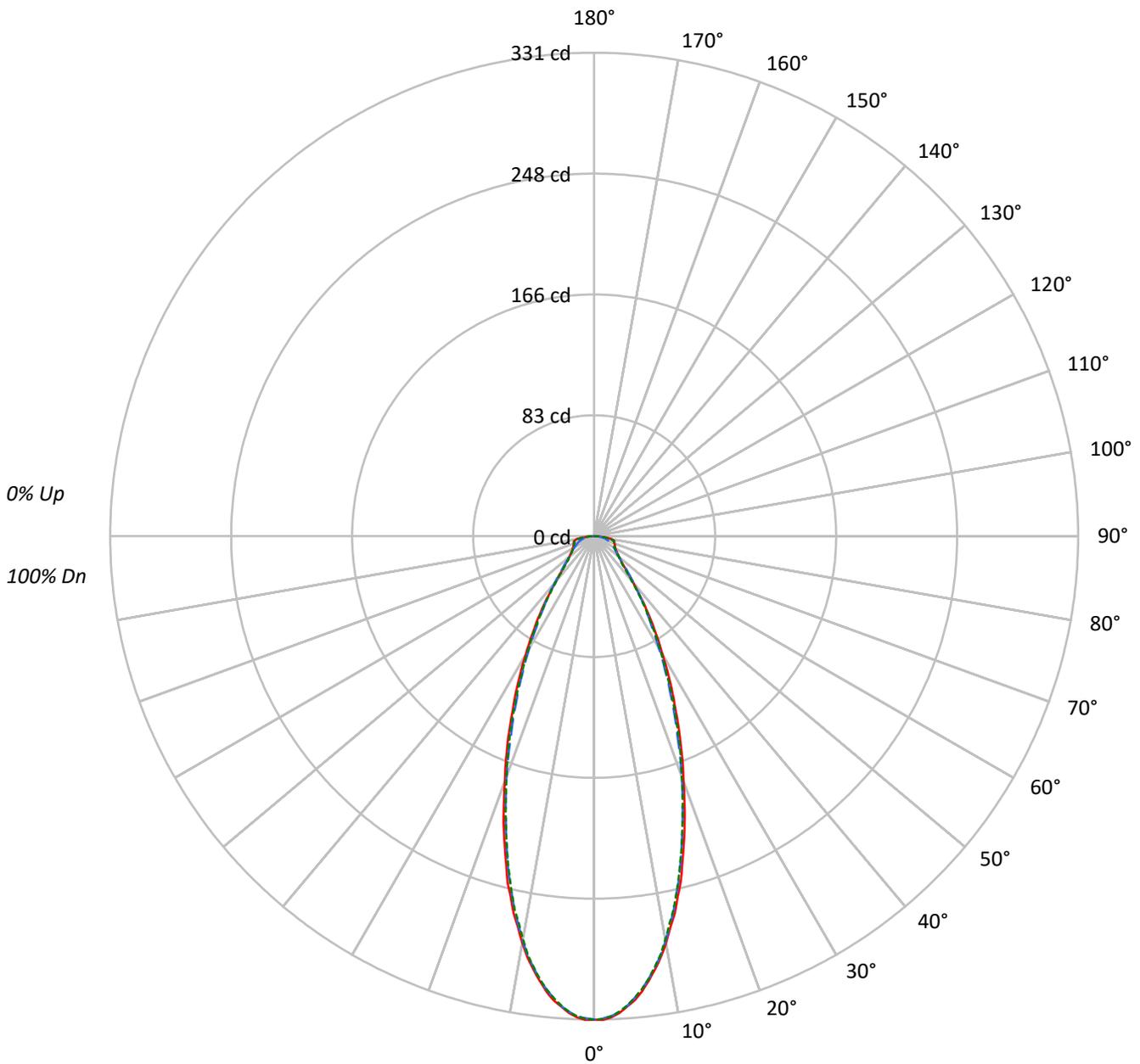
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 261.0 lumens
Efficiency: N/A
Efficacy: 44.2 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	59	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°	57006	57006	57006
5°	55149	54872	54872
10°	49491	49211	49001
15°	41472	40830	40759
20°	32751	32092	32092
25°	25065	24076	24532
30°	18594	17639	18037
35°	13456	12867	12951
40°	9263	9442	8993
45°	6917	7209	6625
50°	6002	5894	5894
55°	5645	5405	5525
60°	5787	5373	5649
65°	6357	5379	6194
70°	7452	5438	7251
75°	9582	5856	9316
80°	11901	6347	11108
85°	9485	6323	8695

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 11901 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.2	11.2
10°-20°	63.5	24.3
20°-30°	59.1	22.6
30°-40°	39.2	15.0
40°-50°	22.9	8.8
50°-60°	16.6	6.4
60°-70°	14.1	5.4
70°-80°	11.6	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°	151.8	58.1
0°-40°	191.0	73.2
0°-60°	230.5	88.3
0°-90°	261.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	261.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	331	331	331	331	331	
5°	319	319	317	317	317	29
15°	233	230	229	229	229	64
25°	132	130	127	127	129	61
35°	64	63	61	62	62	40
45°	28	29	30	28	27	23
55°	19	18	18	18	18	17
65°	16	14	13	14	15	16
75°	14	11	9	11	14	15
85°	5	6	3	5	4	6
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	331.0	331.0	331.0	331.0	331.0
1°	331.4	331.0	330.2	330.6	330.6
2°	329.8	329.4	329.0	329.0	329.0
3°	327.0	326.6	326.2	326.2	326.2
4°	323.0	322.6	322.6	322.2	322.2
5°	319.0	318.6	317.4	317.4	317.4
6°	313.4	313.0	312.2	311.8	311.8
7°	306.6	306.6	305.4	305.0	305.4
8°	299.4	299.0	298.2	297.8	297.8
9°	291.8	290.6	290.6	289.4	290.2
10°	283.0	282.2	281.4	280.6	280.2
11°	273.0	272.6	271.4	270.6	270.2
12°	264.6	262.6	261.8	260.6	261.4
13°	253.8	252.6	250.6	250.2	250.6
14°	244.6	242.2	240.6	239.8	239.4
15°	232.6	230.2	229.0	228.6	228.6
17.5°	205.9	204.3	201.1	201.1	201.1
20°	178.7	177.1	175.1	174.7	175.1
22.5°	155.1	152.3	149.1	149.5	151.9
25°	131.9	129.5	126.7	127.1	129.1
27.5°	112.3	109.1	106.3	107.1	108.3
30°	93.5	91.5	88.7	89.5	90.7
32.5°	77.5	76.3	73.2	73.9	75.1
35°	64.0	62.8	61.2	61.6	61.6
37.5°	51.2	51.2	50.8	50.4	50.0
40°	41.2	42.0	42.0	40.8	40.0
42.5°	33.6	34.4	35.2	33.6	32.4
45°	28.4	28.8	29.6	28.0	27.2
47.5°	24.8	24.8	25.6	24.4	24.0
50°	22.4	22.4	22.0	21.6	22.0
52.5°	20.4	20.0	19.6	20.0	20.0
55°	18.8	18.4	18.0	18.4	18.4
57.5°	17.6	17.2	16.8	16.8	17.2
60°	16.8	16.0	15.6	16.0	16.4
62.5°	16.0	14.8	14.4	14.8	15.6
65°	15.6	14.0	13.2	14.0	15.2
67.5°	15.2	13.2	12.0	13.2	14.8
70°	14.8	12.4	10.8	12.4	14.4
72.5°	14.4	11.6	10.0	11.6	14.4
75°	14.4	10.8	8.8	10.8	14.0
77.5°	13.6	10.0	7.6	10.0	13.2
80°	12.0	9.2	6.4	8.8	11.2
82.5°	8.8	8.0	4.8	7.6	8.4
85°	4.8	5.6	3.2	5.2	4.4
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)