

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: P1323637

Luminaire Tested: LDSQA3D05R359030D2WDE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323637
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: LDSQA3D05R359030D2WDE010 3LSQPHRLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

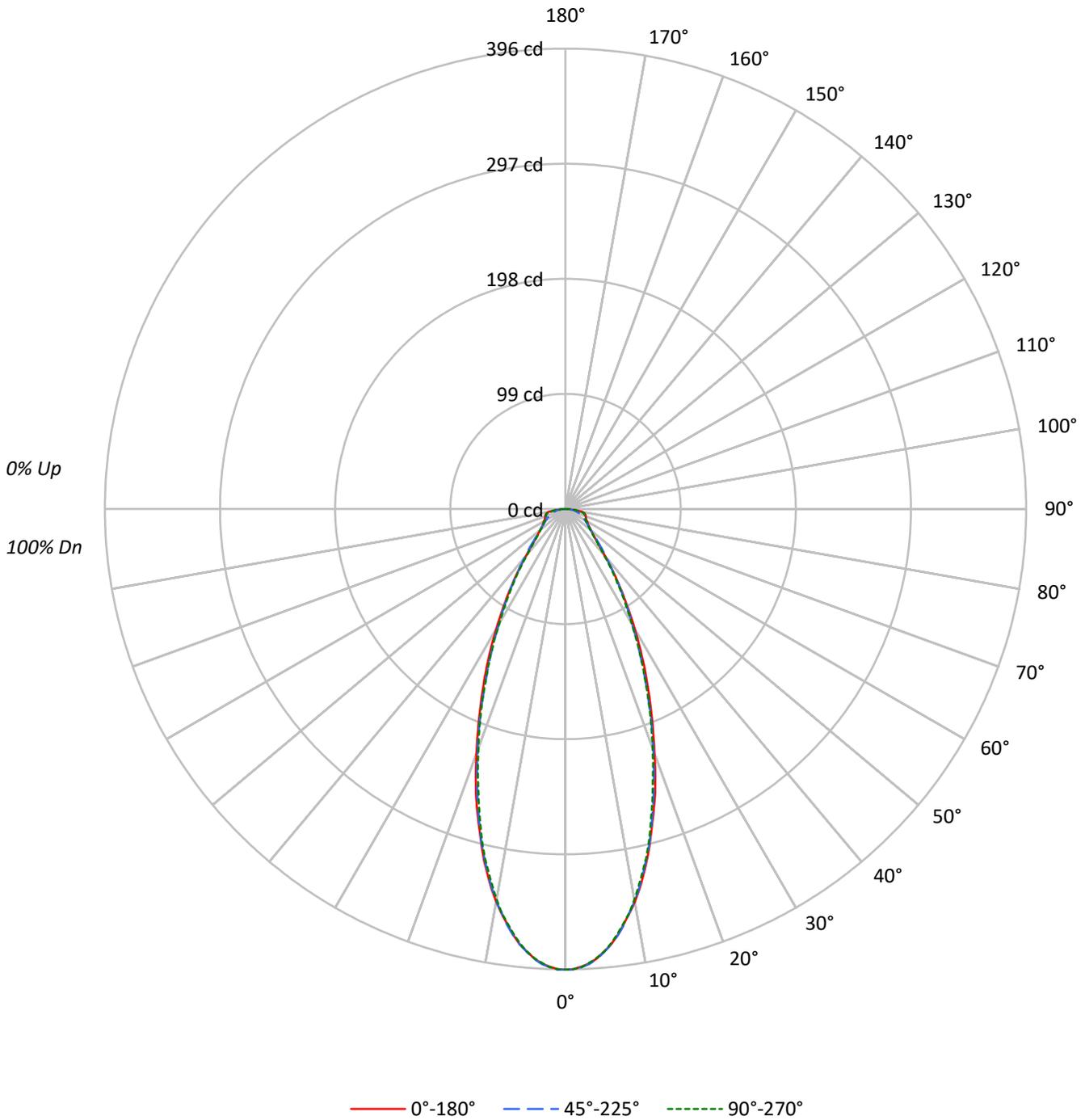
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 328.1 lumens
Efficiency: N/A
Efficacy: 29.6 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): 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	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	101	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	82	78	75	80	77	74	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	65	62	60
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	56
7	77	66	60	55	76	66	59	54	64	58	54	63	58	54	62	57	54	52
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	58	54	50	49
9	70	59	52	48	68	58	52	48	57	51	47	56	51	47	55	51	47	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	43

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	68269	68269	68269
5°	66040	66127	66040
10°	59984	59896	59634
15°	50922	50744	50298
20°	40999	40449	40082
25°	31696	30746	30746
30°	23625	22830	22631
35°	17009	16799	16378
40°	11893	12230	11443
45°	8866	9353	8622
50°	7636	7636	7502
55°	7206	6906	7056
60°	7406	6717	7061
65°	7947	6724	7743
70°	9316	7050	9064
75°	11645	7320	11312
80°	14877	7934	13389
85°	11856	7904	11856

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 14877 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.2	10.7
10°-20°	78.6	23.9
20°-30°	75.0	22.9
30°-40°	50.4	15.4
40°-50°	29.6	9.0
50°-60°	21.2	6.5
60°-70°	17.6	5.4
70°-80°	14.5	4.4
80°-90°	6.0	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°	188.8	57.6
0°-40°	239.2	72.9
0°-60°	290.0	88.4
0°-90°	328.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	328.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	396	396	396	396	396	
5°	382	383	382	382	382	35
15°	286	286	285	283	282	79
25°	167	165	162	162	162	77
35°	81	81	80	78	78	51
45°	36	37	38	36	35	29
55°	24	24	23	23	24	22
65°	20	18	16	18	19	19
75°	18	14	11	14	17	18
85°	6	6	4	6	6	7
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	396.4	396.4	396.4	396.4	396.4
1°	395.9	396.4	396.4	395.9	395.9
2°	393.9	394.9	394.4	393.9	394.4
3°	391.4	392.4	391.9	391.4	390.9
4°	387.4	388.4	387.9	387.0	387.0
5°	382.0	383.0	382.5	382.0	382.0
6°	376.5	377.5	376.5	375.5	375.5
7°	369.0	370.5	369.5	368.5	368.0
8°	360.5	362.0	361.0	360.5	359.5
9°	352.0	353.0	351.5	351.5	351.5
10°	343.0	343.5	342.5	341.0	341.0
11°	333.0	332.5	332.0	331.0	330.0
12°	322.0	322.0	320.5	319.5	319.0
13°	310.6	310.1	309.1	308.1	308.1
14°	298.6	298.6	297.6	295.6	296.1
15°	285.6	286.1	284.6	282.6	282.1
17.5°	256.1	255.1	252.6	251.1	249.6
20°	223.7	223.2	220.7	219.2	218.7
22.5°	193.7	193.2	190.7	189.2	190.2
25°	166.8	164.8	161.8	161.8	161.8
27.5°	141.8	139.3	137.3	136.3	137.3
30°	118.8	116.8	114.8	114.3	113.8
32.5°	98.4	97.4	96.4	94.9	94.9
35°	80.9	80.9	79.9	78.4	77.9
37.5°	65.9	66.4	65.9	64.4	63.9
40°	52.9	53.9	54.4	52.9	50.9
42.5°	43.4	44.9	45.9	43.4	41.9
45°	36.4	37.4	38.4	36.4	35.4
47.5°	32.0	32.5	33.0	31.5	31.0
50°	28.5	28.5	28.5	28.0	28.0
52.5°	26.0	26.0	25.5	25.0	25.0
55°	24.0	23.5	23.0	23.0	23.5
57.5°	22.5	22.0	21.0	21.5	22.0
60°	21.5	20.5	19.5	20.0	20.5
62.5°	20.0	19.0	18.0	18.5	19.5
65°	19.5	17.5	16.5	17.5	19.0
67.5°	19.0	16.5	15.0	16.5	18.5
70°	18.5	15.5	14.0	15.5	18.0
72.5°	18.0	14.5	12.5	14.5	17.5
75°	17.5	13.5	11.0	13.5	17.0
77.5°	16.5	12.5	9.5	12.5	15.5
80°	15.0	11.5	8.0	11.0	13.5
82.5°	11.0	9.5	6.5	9.5	10.0
85°	6.0	6.5	4.0	6.5	6.0
87.5°	0.5	1.0	1.0	3.0	2.0



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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)