

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: P1312741

Luminaire Tested: LDSQA3D17R359050DE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1312741
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: LDSQA3D17R359050DE010 3LSQPHRLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

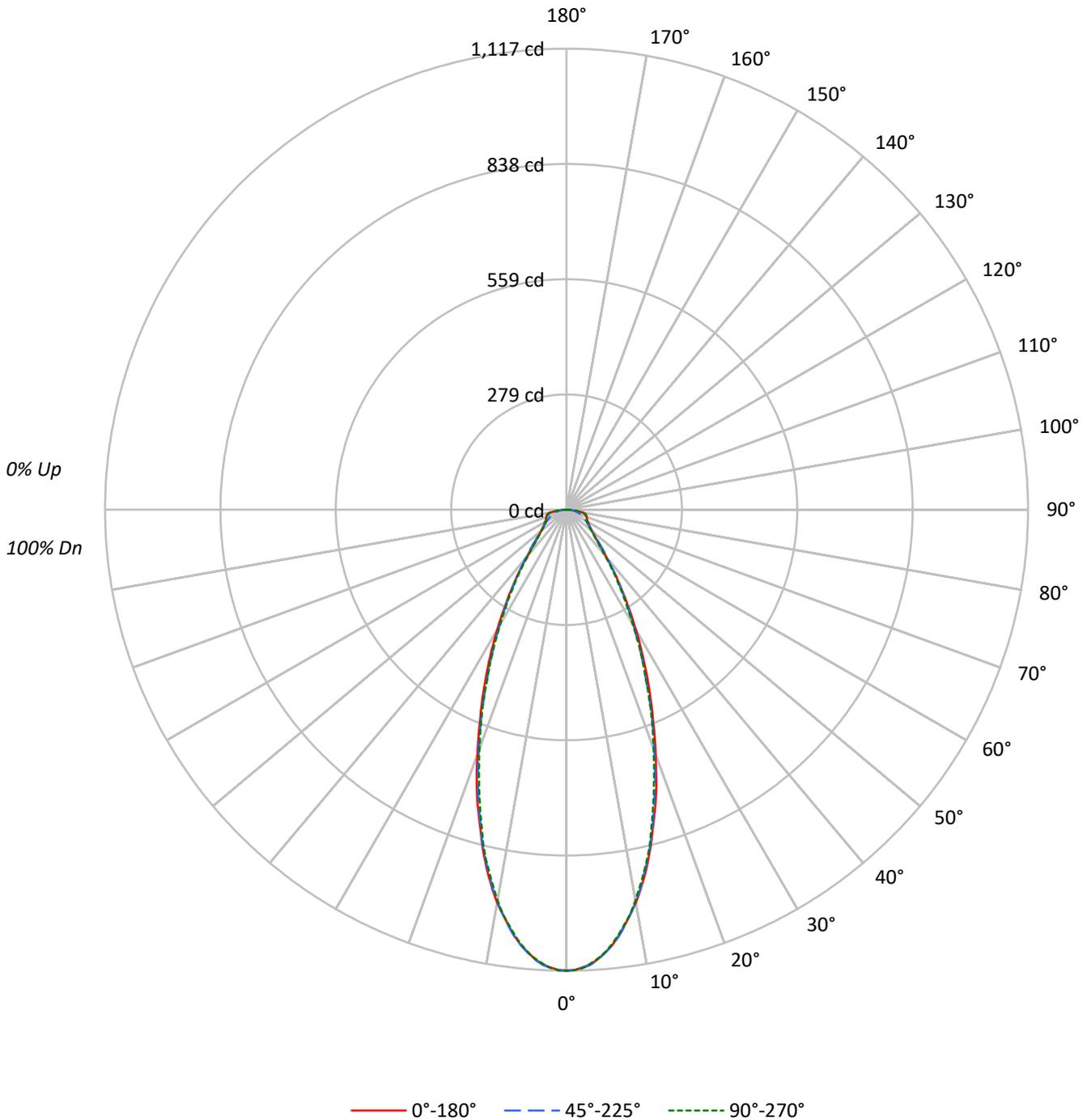
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 924.0 lumens
Efficiency: N/A
Efficacy: 43.6 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): 21.2
Input Voltage (V): NR
Input Current (A_{in}): 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	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	65	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°	192338	192338	192338
5°	186019	186261	186019
10°	168986	168741	168007
15°	143441	142942	141693
20°	115482	113942	112916
25°	89275	86595	86595
30°	66580	64333	63776
35°	47915	47305	46128
40°	33521	34465	32262
45°	25014	26378	24332
50°	21488	21488	21113
55°	20268	19427	19847
60°	20839	18910	19874
65°	22372	18909	21761
70°	26184	19840	25479
75°	32739	20561	31807
80°	41854	22315	37688
85°	33395	22329	33395

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 41854 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.2	10.7
10°-20°	221.4	24.0
20°-30°	211.4	22.9
30°-40°	142.0	15.4
40°-50°	83.4	9.0
50°-60°	59.6	6.5
60°-70°	49.6	5.4
70°-80°	40.7	4.4
80°-90°	16.8	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°	532.0	57.6
0°-40°	673.9	72.9
0°-60°	816.9	88.4
0°-90°	924.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	924.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1117	1117	1117	1117	1117	
5°	1076	1079	1077	1076	1076	99
15°	804	806	802	796	795	223
25°	470	464	456	456	456	216
35°	228	228	225	221	219	144
45°	103	106	108	103	100	82
55°	68	66	65	65	66	61
65°	55	49	46	49	53	55
75°	49	38	31	38	48	51
85°	17	18	11	18	17	19
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1116.8	1116.8	1116.8	1116.8	1116.8
1°	1115.4	1116.8	1116.8	1115.4	1115.4
2°	1109.8	1112.6	1111.2	1109.8	1111.2
3°	1102.7	1105.5	1104.1	1102.7	1101.3
4°	1091.5	1094.3	1092.9	1090.1	1090.1
5°	1076.0	1078.8	1077.4	1076.0	1076.0
6°	1060.5	1063.3	1060.5	1057.7	1057.7
7°	1039.4	1043.7	1040.8	1038.0	1036.6
8°	1015.5	1019.7	1016.9	1015.5	1012.7
9°	991.6	994.4	990.2	990.2	990.2
10°	966.3	967.7	964.9	960.7	960.7
11°	938.2	936.8	935.3	932.5	929.7
12°	907.2	907.2	903.0	900.2	898.8
13°	874.9	873.5	870.6	867.8	867.8
14°	841.1	841.1	838.3	832.7	834.1
15°	804.5	805.9	801.7	796.1	794.7
17.5°	721.6	718.7	711.7	707.5	703.3
20°	630.1	628.7	621.7	617.5	616.1
22.5°	545.7	544.3	537.3	533.1	535.9
25°	469.8	464.2	455.7	455.7	455.7
27.5°	399.5	392.4	386.8	384.0	386.8
30°	334.8	329.1	323.5	322.1	320.7
32.5°	277.1	274.3	271.5	267.2	267.2
35°	227.9	227.9	225.0	220.8	219.4
37.5°	185.7	187.1	185.7	181.4	180.0
40°	149.1	151.9	153.3	149.1	143.5
42.5°	122.4	126.6	129.4	122.4	118.1
45°	102.7	105.5	108.3	102.7	99.9
47.5°	90.0	91.4	92.8	88.6	87.2
50°	80.2	80.2	80.2	78.8	78.8
52.5°	73.1	73.1	71.7	70.3	70.3
55°	67.5	66.1	64.7	64.7	66.1
57.5°	63.3	61.9	59.1	60.5	61.9
60°	60.5	57.7	54.9	56.3	57.7
62.5°	56.3	53.4	50.6	52.0	54.9
65°	54.9	49.2	46.4	49.2	53.4
67.5°	53.4	46.4	42.2	46.4	52.0
70°	52.0	43.6	39.4	43.6	50.6
72.5°	50.6	40.8	35.2	40.8	49.2
75°	49.2	38.0	30.9	38.0	47.8
77.5°	46.4	35.2	26.7	35.2	43.6
80°	42.2	32.4	22.5	30.9	38.0
82.5°	30.9	26.7	18.3	26.7	28.1
85°	16.9	18.3	11.3	18.3	16.9
87.5°	1.4	2.8	2.8	8.4	5.6



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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)