

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: P1324075

Luminaire Tested: LDSQA3D17R359030D2WDE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324075
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: LDSQA3D17R359030D2WDE010 3LSQPHRLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

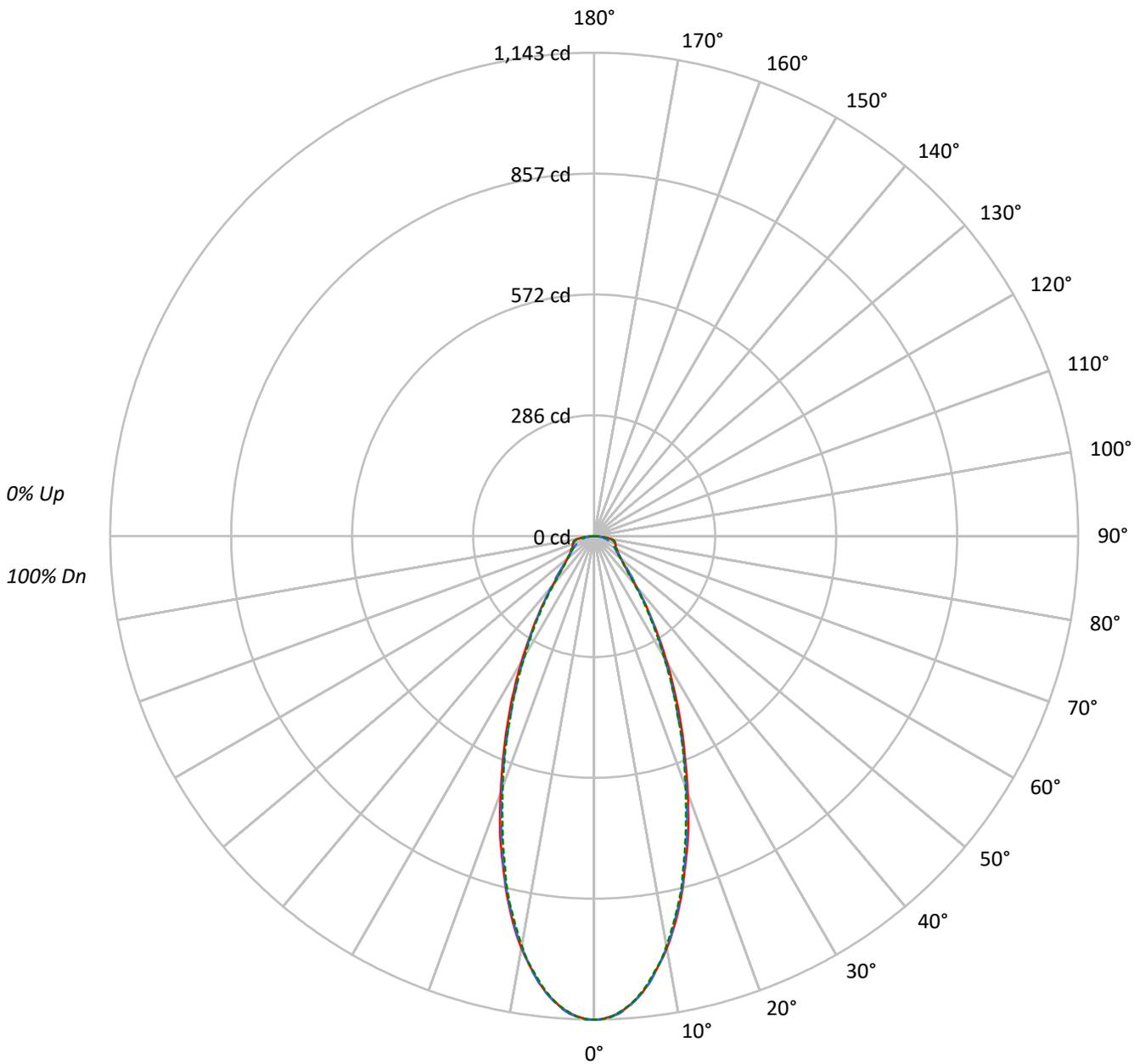
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 946.0 lumens
Efficiency: N/A
Efficacy: 34.7 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): 27.3
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	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°	196919	196919	196919
5°	190445	190704	190445
10°	173008	172763	171994
15°	146864	146347	145063
20°	118231	116655	115592
25°	91403	88666	88666
30°	68151	65864	65288
35°	49050	48440	47221
40°	34308	35297	33026
45°	25598	27011	24892
50°	21997	21997	21595
55°	20748	19877	20328
60°	21321	19358	20322
65°	22902	19357	22291
70°	26839	20293	26084
75°	33537	21094	32605
80°	42845	22811	38581
85°	34185	22724	34185

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 42845 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.6	10.7
10°-20°	226.6	24.0
20°-30°	216.4	22.9
30°-40°	145.4	15.4
40°-50°	85.3	9.0
50°-60°	61.0	6.5
60°-70°	50.8	5.4
70°-80°	41.7	4.4
80°-90°	17.2	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°	544.6	57.6
0°-40°	690.0	72.9
0°-60°	836.4	88.4
0°-90°	946.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	946.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1143	1143	1143	1143	1143	
5°	1102	1104	1103	1102	1102	102
15°	824	825	821	815	814	228
25°	481	475	467	467	467	221
35°	233	233	230	226	225	148
45°	105	108	111	105	102	84
55°	69	68	66	66	68	63
65°	56	50	48	50	55	56
75°	50	39	32	39	49	52
85°	17	19	12	19	17	20
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1143.4	1143.4	1143.4	1143.4	1143.4
1°	1141.9	1143.4	1143.4	1141.9	1141.9
2°	1136.2	1139.1	1137.6	1136.2	1137.6
3°	1129.0	1131.9	1130.4	1129.0	1127.5
4°	1117.5	1120.3	1118.9	1116.0	1116.0
5°	1101.6	1104.5	1103.1	1101.6	1101.6
6°	1085.8	1088.7	1085.8	1082.9	1082.9
7°	1064.2	1068.5	1065.6	1062.7	1061.3
8°	1039.7	1044.0	1041.1	1039.7	1036.8
9°	1015.2	1018.1	1013.8	1013.8	1013.8
10°	989.3	990.7	987.9	983.5	983.5
11°	960.5	959.1	957.6	954.7	951.9
12°	928.8	928.8	924.5	921.6	920.2
13°	895.7	894.3	891.4	888.5	888.5
14°	861.1	861.1	858.3	852.5	853.9
15°	823.7	825.1	820.8	815.1	813.6
17.5°	738.7	735.9	728.7	724.3	720.0
20°	645.1	643.7	636.5	632.2	630.7
22.5°	558.7	557.3	550.1	545.8	548.7
25°	481.0	475.2	466.6	466.6	466.6
27.5°	409.0	401.8	396.0	393.1	396.0
30°	342.7	337.0	331.2	329.8	328.3
32.5°	283.7	280.8	277.9	273.6	273.6
35°	233.3	233.3	230.4	226.1	224.6
37.5°	190.1	191.5	190.1	185.8	184.3
40°	152.6	155.5	157.0	152.6	146.9
42.5°	125.3	129.6	132.5	125.3	121.0
45°	105.1	108.0	110.9	105.1	102.2
47.5°	92.2	93.6	95.0	90.7	89.3
50°	82.1	82.1	82.1	80.6	80.6
52.5°	74.9	74.9	73.4	72.0	72.0
55°	69.1	67.7	66.2	66.2	67.7
57.5°	64.8	63.4	60.5	61.9	63.4
60°	61.9	59.0	56.2	57.6	59.0
62.5°	57.6	54.7	51.8	53.3	56.2
65°	56.2	50.4	47.5	50.4	54.7
67.5°	54.7	47.5	43.2	47.5	53.3
70°	53.3	44.6	40.3	44.6	51.8
72.5°	51.8	41.8	36.0	41.8	50.4
75°	50.4	38.9	31.7	38.9	49.0
77.5°	47.5	36.0	27.4	36.0	44.6
80°	43.2	33.1	23.0	31.7	38.9
82.5°	31.7	27.4	18.7	27.4	28.8
85°	17.3	18.7	11.5	18.7	17.3
87.5°	1.4	2.9	2.9	8.6	5.8



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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)