

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: P1323912

Luminaire Tested: LDSQA3D13R309030D2WDE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323912
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: LDSQA3D13R309030D2WDE010 3LSQPHRLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

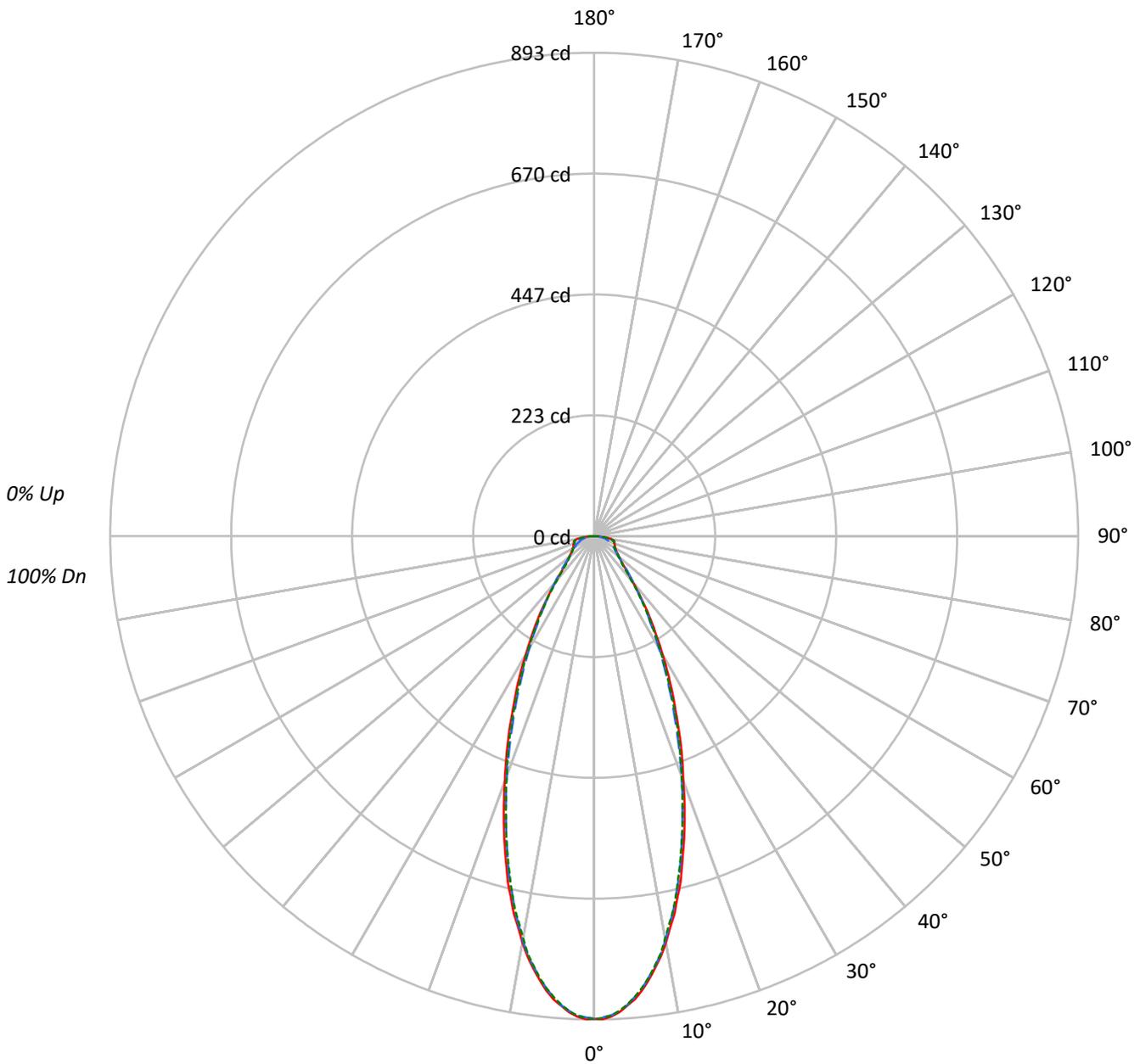
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 703.0 lumens
Efficiency: N/A
Efficacy: 35.0 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): 20.1
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



— 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°	153536	153536	153536
5°	148539	147796	147796
10°	133311	132559	131982
15°	111722	109992	109814
20°	88211	86433	86433
25°	67516	64856	66091
30°	50094	47529	48603
35°	36225	34627	34859
40°	24933	25405	24213
45°	18608	19412	17829
50°	16156	15862	15862
55°	15193	14533	14863
60°	15569	14467	15190
65°	17116	14467	16667
70°	20041	14653	19538
75°	25818	15770	25086
80°	32035	17059	29853
85°	25491	16994	23317

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 32035 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.6	11.2
10°-20°	171.0	24.3
20°-30°	159.3	22.7
30°-40°	105.7	15.0
40°-50°	61.5	8.8
50°-60°	44.8	6.4
60°-70°	37.8	5.4
70°-80°	31.3	4.5
80°-90°	13.0	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°	408.8	58.2
0°-40°	514.5	73.2
0°-60°	620.8	88.3
0°-90°	703.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	703.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	892	892	892	892	892	
5°	859	858	855	855	855	79
15°	627	620	617	616	616	173
25°	355	349	341	342	348	164
35°	172	169	165	166	166	108
45°	76	78	80	75	73	61
55°	51	50	48	50	50	46
65°	42	38	36	38	41	42
75°	39	29	24	29	38	40
85°	13	15	9	14	12	15
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	891.5	891.5	891.5	891.5	891.5
1°	892.6	891.5	889.3	890.4	890.4
2°	888.2	887.2	886.1	886.1	886.1
3°	880.7	879.6	878.6	878.6	878.6
4°	869.9	868.9	868.9	867.8	867.8
5°	859.2	858.1	854.9	854.9	854.9
6°	844.1	843.0	840.9	839.8	839.8
7°	825.8	825.8	822.6	821.5	822.6
8°	806.4	805.3	803.2	802.1	802.1
9°	786.0	782.7	782.7	779.5	781.7
10°	762.3	760.1	758.0	755.8	754.7
11°	735.4	734.3	731.1	728.9	727.8
12°	712.8	707.4	705.2	702.0	704.1
13°	683.7	680.5	675.1	674.0	675.1
14°	658.9	652.5	648.2	646.0	644.9
15°	626.6	620.2	616.9	615.9	615.9
17.5°	554.5	550.2	541.6	541.6	541.6
20°	481.3	477.0	471.6	470.5	471.6
22.5°	417.7	410.2	401.6	402.7	409.1
25°	355.3	348.8	341.3	342.4	347.8
27.5°	302.5	293.9	286.4	288.5	291.8
30°	251.9	246.6	239.0	241.2	244.4
32.5°	208.9	205.6	197.0	199.2	202.4
35°	172.3	169.0	164.7	165.8	165.8
37.5°	137.8	137.8	136.7	135.7	134.6
40°	110.9	113.0	113.0	109.8	107.7
42.5°	90.4	92.6	94.7	90.4	87.2
45°	76.4	77.5	79.7	75.4	73.2
47.5°	66.8	66.8	68.9	65.7	64.6
50°	60.3	60.3	59.2	58.1	59.2
52.5°	54.9	53.8	52.8	53.8	53.8
55°	50.6	49.5	48.4	49.5	49.5
57.5°	47.4	46.3	45.2	45.2	46.3
60°	45.2	43.1	42.0	43.1	44.1
62.5°	43.1	39.8	38.8	39.8	42.0
65°	42.0	37.7	35.5	37.7	40.9
67.5°	40.9	35.5	32.3	35.5	39.8
70°	39.8	33.4	29.1	33.4	38.8
72.5°	38.8	31.2	26.9	31.2	38.8
75°	38.8	29.1	23.7	29.1	37.7
77.5°	36.6	26.9	20.5	26.9	35.5
80°	32.3	24.8	17.2	23.7	30.1
82.5°	23.7	21.5	12.9	20.5	22.6
85°	12.9	15.1	8.6	14.0	11.8
87.5°	2.2	3.2	2.2	6.5	4.3



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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)