

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: P1323863

Luminaire Tested: LDSQA3D13R159030D2WDE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323863
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R159030D2WDE010 3LSQPHRLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

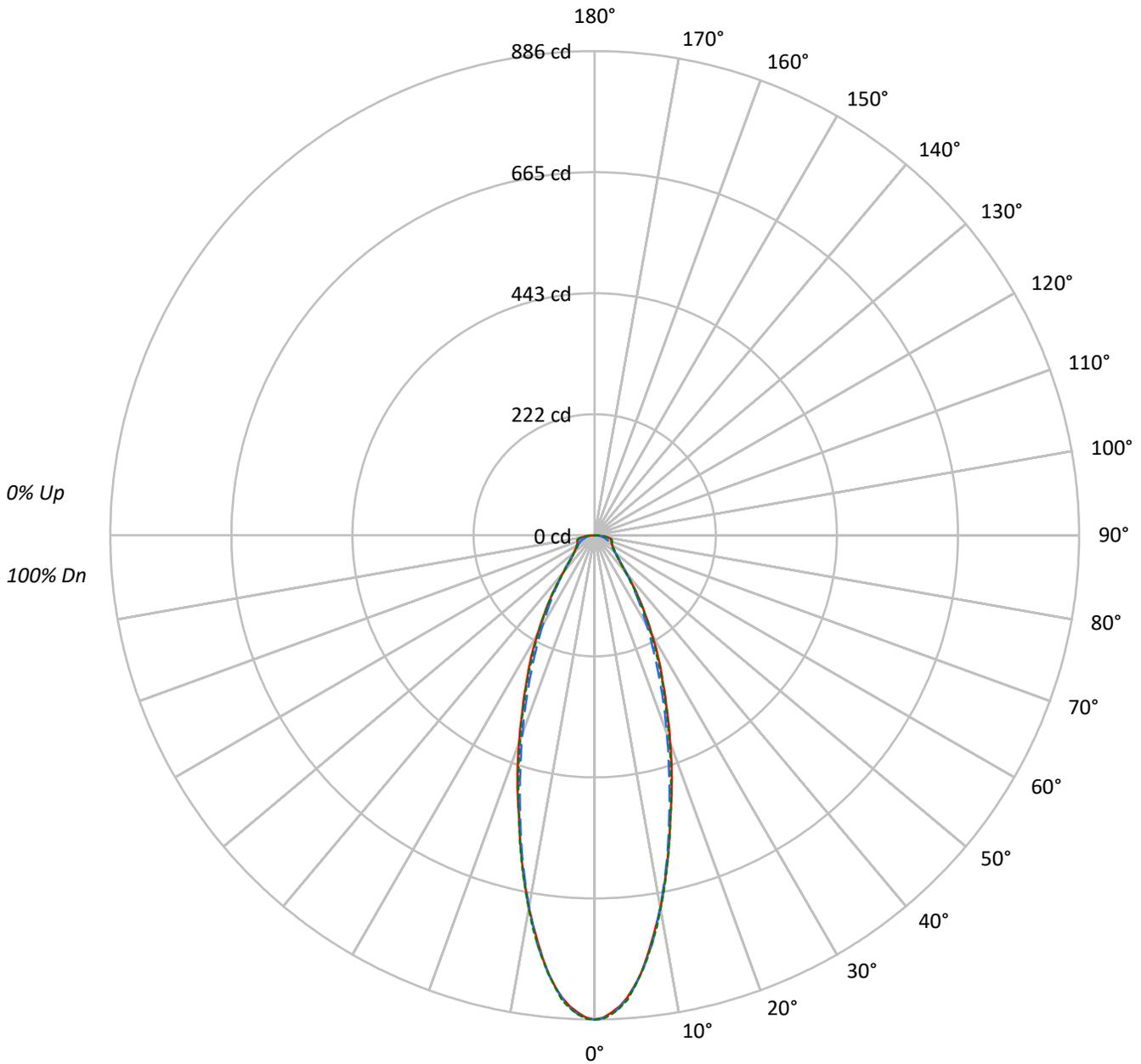
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 594.0 lumens
Efficiency: N/A
Efficacy: 29.6 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.63
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				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	100	100	100	100
1	111	108	104	101	109	105	102	100	101	99	96	97	95	94	94	92	91	89	89	89	89
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80	80	80	80
3	98	90	84	79	96	88	83	78	86	81	77	83	79	76	81	77	74	73	73	73	73
4	92	83	76	71	90	82	76	71	80	74	70	77	73	69	75	71	68	66	66	66	66
5	87	77	70	65	85	76	70	65	74	69	64	73	68	64	71	67	63	61	61	61	61
6	82	72	65	60	81	71	65	60	70	64	60	68	63	59	67	62	59	57	57	57	57
7	78	68	61	56	77	67	60	56	66	60	56	64	59	55	63	58	55	53	53	53	53
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50	50	50	50
9	71	60	54	49	70	60	53	49	59	53	49	58	53	49	57	52	49	47	47	47	47
10	68	57	51	47	67	57	51	47	56	50	46	55	50	46	54	49	46	45	45	45	45

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	152606	152606	152606
5°	143318	143508	143508
10°	121069	120684	121436
15°	95211	93874	95407
20°	73988	70634	73017
25°	55849	51972	55032
30°	41543	37904	40688
35°	29645	27605	29203
40°	20099	20324	19852
45°	14955	15734	14955
50°	12968	12968	12968
55°	12611	11950	12611
60°	12986	11883	12607
65°	14059	12266	14059
70°	16818	12488	16818
75°	21493	12909	21493
80°	26679	13885	25588
85°	21341	12844	23317

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 26679 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.7	12.6
10°-20°	147.7	24.9
20°-30°	130.6	22.0
30°-40°	85.8	14.4
40°-50°	50.1	8.4
50°-60°	36.9	6.2
60°-70°	31.5	5.3
70°-80°	25.9	4.4
80°-90°	10.8	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°	353.0	59.4
0°-40°	438.8	73.9
0°-60°	525.8	88.5
0°-90°	594.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	594.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	886	886	886	886	886	
5°	829	829	830	831	830	75
15°	534	534	526	533	535	149
25°	294	284	274	281	290	136
35°	141	136	131	135	139	89
45°	61	62	65	62	61	49
55°	42	41	40	41	42	38
65°	34	31	30	31	34	34
75°	32	24	19	25	32	33
85°	11	12	6	11	12	12
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	886.1	886.1	886.1	886.1	886.1
1°	882.8	883.9	883.9	885.0	885.0
2°	874.2	876.4	877.5	877.5	877.5
3°	863.5	864.5	865.6	866.7	866.7
4°	848.4	849.5	849.5	851.6	852.7
5°	829.0	829.0	830.1	831.2	830.1
6°	806.4	806.4	807.5	807.5	807.5
7°	779.5	780.6	781.6	782.7	781.6
8°	750.4	751.5	754.7	754.7	753.6
9°	721.3	722.4	722.4	725.6	725.6
10°	692.3	692.3	690.1	692.3	694.4
12.5°	613.7	612.6	609.4	612.6	614.8
15°	534.0	534.0	526.5	532.9	535.1
17.5°	469.4	459.7	452.2	458.6	464.0
20°	403.7	394.0	385.4	391.9	398.4
22.5°	344.5	337.0	326.2	332.7	340.2
25°	293.9	284.2	273.5	281.0	289.6
27.5°	251.9	239.0	228.2	236.9	244.4
30°	208.9	200.3	190.6	197.0	204.6
32.5°	172.3	165.8	158.3	163.6	170.1
35°	141.0	135.7	131.3	134.6	138.9
37.5°	113.0	110.9	108.7	109.8	109.8
40°	89.4	90.4	90.4	90.4	88.3
42.5°	73.2	74.3	76.4	74.3	73.2
45°	61.4	62.4	64.6	62.4	61.4
47.5°	53.8	54.9	56.0	53.8	53.8
50°	48.4	48.4	48.4	48.4	48.4
52.5°	45.2	44.1	44.1	44.1	45.2
55°	42.0	40.9	39.8	40.9	42.0
57.5°	38.8	37.7	36.6	37.7	38.8
60°	37.7	35.5	34.5	35.5	36.6
62.5°	35.5	33.4	32.3	33.4	35.5
65°	34.5	31.2	30.1	31.2	34.5
67.5°	33.4	29.1	26.9	29.1	33.4
70°	33.4	26.9	24.8	28.0	33.4
72.5°	32.3	25.8	21.5	25.8	32.3
75°	32.3	23.7	19.4	24.8	32.3
77.5°	30.1	21.5	16.1	22.6	30.1
80°	26.9	19.4	14.0	20.5	25.8
82.5°	19.4	16.1	10.8	16.1	19.4
85°	10.8	11.8	6.5	10.8	11.8
87.5°	1.1	3.2	2.2	6.5	5.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)