

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: P1310338

Luminaire Tested: LDSQA3D13R209035DE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310338
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R209035DE010 3LSQPHRLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

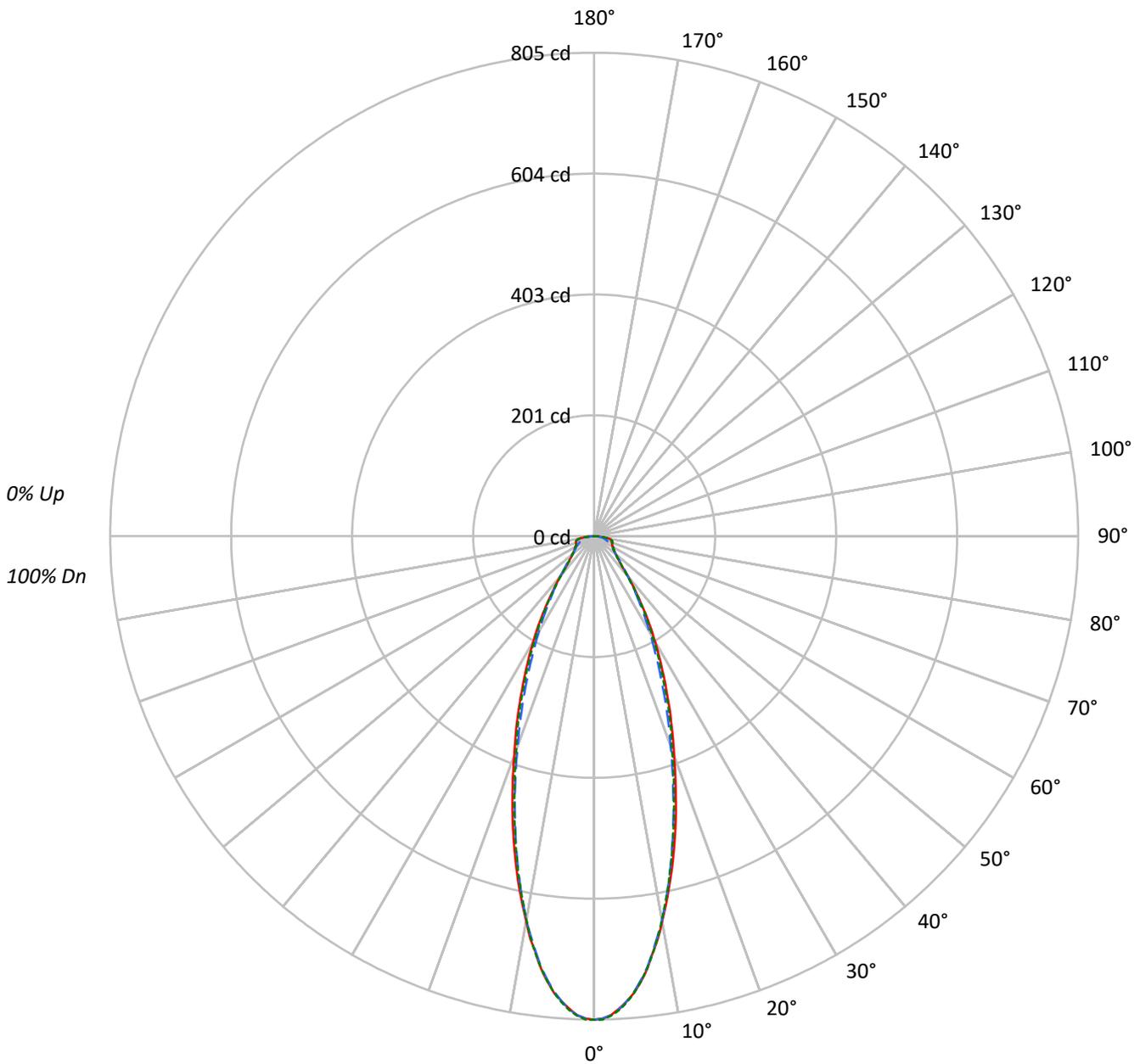
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 568.1 lumens
Efficiency: N/A
Efficacy: 38.9 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.6 / 0.65
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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



0% Up
100% Dn

— 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	102	102	102	100
1	111	108	104	101	109	105	102	100	101	99	96	97	95	94	94	92	91	91	91	91	89
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	82	82	82	80
3	98	90	84	79	96	88	83	78	85	81	77	83	79	75	81	77	74	74	74	74	72
4	92	83	76	71	90	82	75	71	79	74	70	77	73	69	75	71	68	68	68	68	66
5	87	77	70	65	85	76	70	65	74	68	64	72	67	63	71	66	63	63	63	63	61
6	82	72	65	60	81	71	65	60	69	64	59	68	63	59	67	62	59	59	59	59	57
7	78	67	61	56	77	67	60	56	65	60	55	64	59	55	63	58	55	55	55	55	53
8	74	63	57	52	73	63	57	52	62	56	52	61	55	52	60	55	51	51	51	51	50
9	71	60	53	49	69	59	53	49	58	53	49	57	52	49	57	52	48	48	48	48	47
10	67	57	50	46	66	56	50	46	55	50	46	55	50	46	54	49	46	46	46	46	44

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	138708	138708	138708
5°	131994	131649	131994
10°	113934	113584	113409
15°	92465	90326	90682
20°	71239	68124	69406
25°	54120	50129	52599
30°	40151	36571	38958
35°	28362	26470	27942
40°	19537	19537	19087
45°	14370	15101	14370
50°	12593	12593	12593
55°	12010	11710	12010
60°	12400	11367	12400
65°	13448	11410	13448
70°	16113	11582	16113
75°	20628	12643	20628
80°	25787	12893	24795
85°	19760	11856	21736

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 25787 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.1	12.2
10°-20°	141.1	24.8
20°-30°	126.0	22.2
30°-40°	82.7	14.6
40°-50°	48.1	8.5
50°-60°	35.7	6.3
60°-70°	30.2	5.3
70°-80°	24.9	4.4
80°-90°	10.4	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°	336.2	59.2
0°-40°	418.8	73.7
0°-60°	502.6	88.5
0°-90°	568.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	568.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	805	805	805	805	805	
5°	764	762	762	762	764	69
15°	519	514	507	508	509	143
25°	285	277	264	271	277	131
35°	135	131	126	130	133	86
45°	59	60	62	60	59	47
55°	40	39	39	39	40	36
65°	33	30	28	30	33	33
75°	31	23	19	23	31	32
85°	10	11	6	11	11	12
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	805.4	805.4	805.4	805.4	805.4
1°	803.4	804.4	803.4	804.4	805.4
2°	798.4	799.4	798.4	798.4	799.4
3°	788.4	789.4	789.4	789.4	790.4
4°	776.4	777.4	776.4	777.4	778.4
5°	763.5	762.5	761.5	762.5	763.5
6°	745.5	744.5	743.5	744.5	745.5
7°	725.5	724.5	723.5	723.5	724.5
8°	700.5	701.5	698.5	700.5	701.5
9°	678.5	676.5	674.5	674.5	676.5
10°	651.5	649.5	649.5	648.5	648.5
12.5°	585.6	581.6	578.6	578.6	579.6
15°	518.6	513.6	506.6	507.6	508.6
17.5°	451.7	445.7	436.7	438.7	440.7
20°	388.7	382.7	371.7	375.7	378.7
22.5°	334.8	325.8	315.8	318.8	328.8
25°	284.8	276.8	263.8	270.8	276.8
27.5°	240.8	231.8	220.8	227.8	233.8
30°	201.9	193.9	183.9	189.9	195.9
32.5°	166.9	159.9	152.9	156.9	161.9
35°	134.9	130.9	125.9	129.9	132.9
37.5°	108.9	106.9	104.9	106.9	105.9
40°	86.9	87.9	86.9	86.9	84.9
42.5°	69.0	71.9	72.9	70.9	69.0
45°	59.0	60.0	62.0	60.0	59.0
47.5°	52.0	52.0	53.0	52.0	51.0
50°	47.0	47.0	47.0	47.0	47.0
52.5°	43.0	43.0	42.0	43.0	43.0
55°	40.0	39.0	39.0	39.0	40.0
57.5°	38.0	37.0	36.0	37.0	38.0
60°	36.0	34.0	33.0	34.0	36.0
62.5°	34.0	32.0	31.0	32.0	34.0
65°	33.0	30.0	28.0	30.0	33.0
67.5°	32.0	28.0	26.0	28.0	33.0
70°	32.0	26.0	23.0	27.0	32.0
72.5°	31.0	25.0	21.0	25.0	31.0
75°	31.0	23.0	19.0	23.0	31.0
77.5°	29.0	21.0	16.0	21.0	29.0
80°	26.0	19.0	13.0	19.0	25.0
82.5°	19.0	16.0	10.0	16.0	19.0
85°	10.0	11.0	6.0	11.0	11.0
87.5°	1.0	4.0	2.0	6.0	5.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)