

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: P1307176

Luminaire Tested: LDSQA3D13R359024DE010 3LSQPHR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307176
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R359024DE010 3LSQPHR1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , 3LSQPHR1MW TRIM
Light Source: -
Ballast/Driver: -

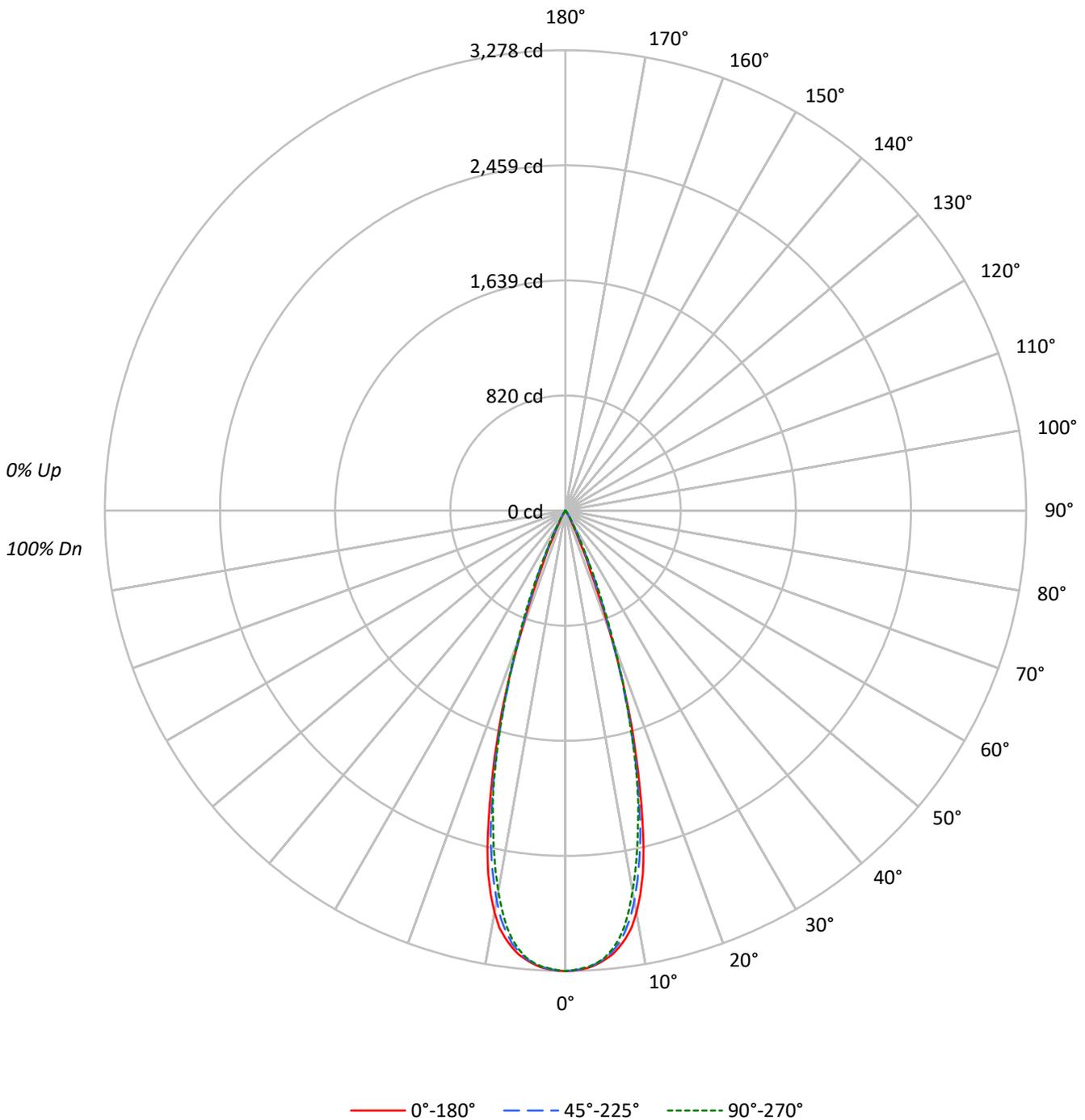
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 995.0 lumens
Efficiency: N/A
Efficacy: 68.2 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
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

TEST NUMBER: P1307176
CATALOG NUMBER: LDSQA3D13R359024DE010 3LSQPHR1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1307176

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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	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	93
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	90
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	87
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	77
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	75
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	73

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	564580	564580	564580
5°	554877	553702	552509
10°	508532	493247	481268
15°	364138	352531	348252
20°	168852	174662	180801
25°	40058	57008	59440
30°	11753	13463	15173
35°	2712	4331	3974
40°	585	1147	764
45°	219	219	219
50°	241	0	241
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 52.5°

Luminance: 255 cd/sqm



TEST NUMBER: P1307176

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	294.3	29.6
10°-20°	526.1	52.9
20°-30°	158.3	15.9
30°-40°	15.1	1.5
40°-50°	1.0	0.1
50°-60°	0.1	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	978.8	98.4
0°-40°	993.9	99.9
0°-60°	995.0	100.0
0°-90°	995.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	995.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3278	3278	3278	3278	3278	
5°	3210	3209	3203	3198	3196	298
15°	2042	2027	1977	1969	1953	539
25°	211	232	300	313	313	136
35°	13	17	21	22	19	12
45°	1	1	1	1	1	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3278.2	3278.2	3278.2	3278.2	3278.2
1°	3276.5	3276.5	3274.8	3274.8	3271.3
2°	3268.8	3269.6	3266.2	3265.3	3262.8
3°	3256.8	3254.2	3254.2	3252.5	3250.8
4°	3237.9	3232.8	3231.0	3231.9	3228.5
5°	3209.6	3208.8	3202.8	3198.5	3195.9
6°	3178.8	3172.8	3159.9	3148.8	3146.2
7°	3132.5	3119.6	3108.5	3085.3	3081.9
8°	3075.9	3055.4	3031.4	2998.8	2997.1
9°	3006.5	2973.1	2939.6	2895.9	2880.5
10°	2907.9	2877.1	2820.5	2782.0	2752.0
11°	2785.4	2746.8	2680.8	2634.5	2609.7
12°	2646.5	2610.5	2533.4	2491.4	2456.3
13°	2468.3	2438.3	2366.3	2320.0	2292.6
14°	2261.7	2239.4	2170.9	2150.3	2140.9
15°	2042.3	2026.9	1977.2	1968.6	1953.2
17.5°	1503.2	1477.5	1449.3	1454.4	1459.5
20°	921.3	957.3	953.0	971.9	986.5
22.5°	459.4	505.7	559.6	592.2	608.5
25°	210.8	232.3	300.0	312.8	312.8
27.5°	106.3	111.4	141.4	144.0	150.8
30°	59.1	63.4	67.7	75.4	76.3
32.5°	30.0	35.1	36.9	41.1	39.4
35°	12.9	17.1	20.6	22.3	18.9
37.5°	6.0	7.7	11.1	10.3	7.7
40°	2.6	3.4	5.1	4.3	3.4
42.5°	1.7	1.7	2.6	1.7	1.7
45°	0.9	0.9	0.9	0.9	0.9
47.5°	0.9	0.9	0.0	0.9	0.9
50°	0.9	0.0	0.0	0.0	0.9
52.5°	0.9	0.0	0.0	0.0	0.9
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1307176

CATALOG NUMBER: LDSQA3D13R359024DE010 3LSQPHR1MW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)