

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: P1307172

Luminaire Tested: LDSQA3D13R359024DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307172
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R359024DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

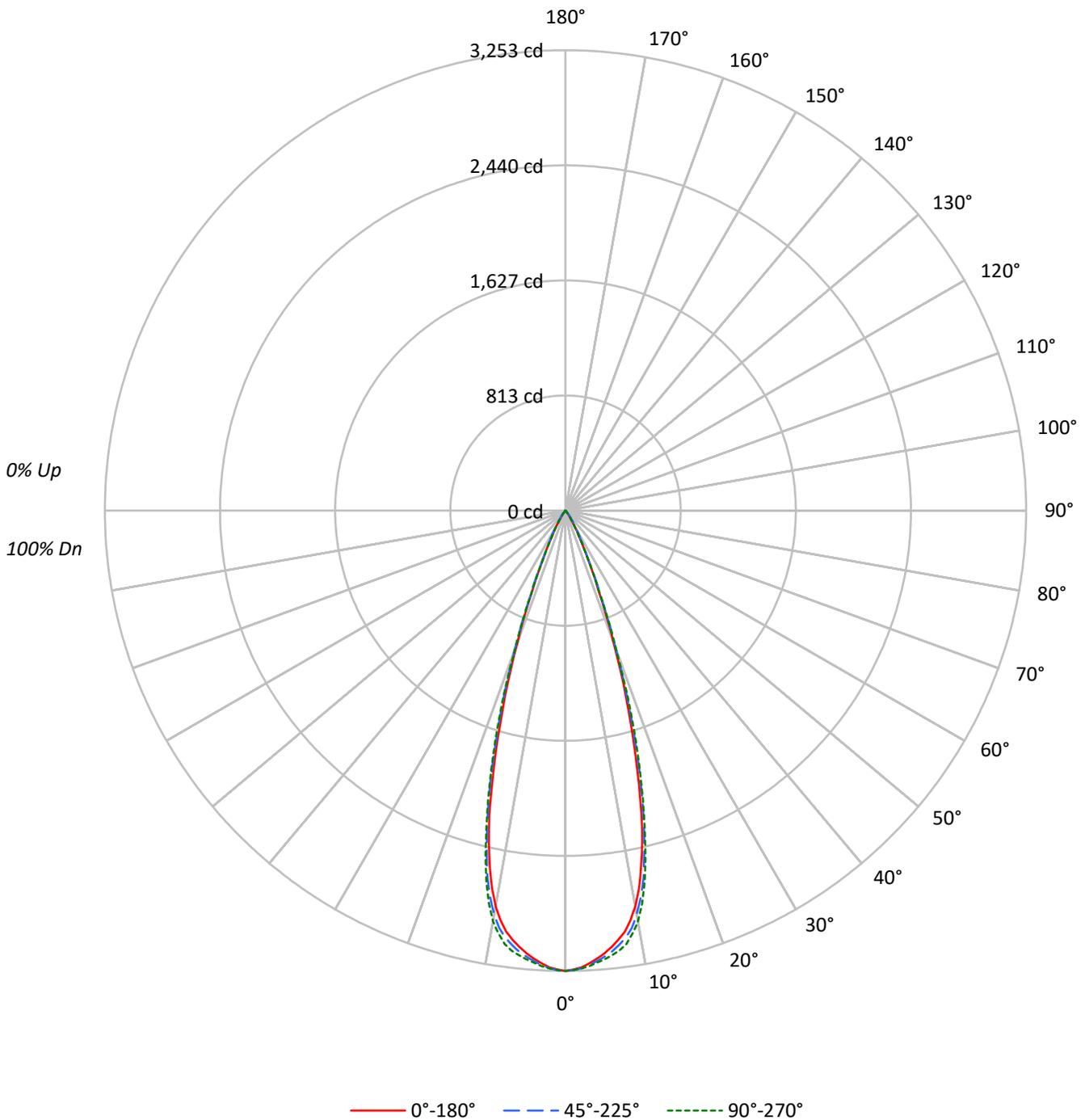
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1083.0 lumens
Efficiency: N/A
Efficacy: 74.2 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
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 (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

TEST NUMBER: P1307172
CATALOG NUMBER: LDSQA3D13R359024DE010 3LSQCDR1MMS

Luminous Intensity Polar Plot





TEST NUMBER: P1307172
 CATALOG NUMBER: LDSQA3D13R359024DE010 3LSQCDR1MMS

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	100	100	100	100
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	96	96	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	93	93	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	89	89	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	86	86	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	83	83	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	80	80	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	78	78	78	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	75	75	75	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	73	73	73	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	71	71	71	71

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	560189	560189	560189
5°	543208	547063	550019
10°	496378	506888	515580
15°	356970	372571	375620
20°	181736	190845	191321
25°	68942	70424	68467
30°	26787	31043	26091
35°	9188	14423	8662
40°	3080	5598	2900
45°	219	1875	219
50°	0	241	0
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: 45°
 Vertical Angle: 45°
 Luminance: 1875 cd/sqm



TEST NUMBER: P1307172

CATALOG NUMBER: LDSQA3D13R359024DE010 3LSQCDR1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	294.4	27.2
10°-20°	548.6	50.7
20°-30°	197.2	18.2
30°-40°	38.5	3.6
40°-50°	4.3	0.4
50°-60°	0.0	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°	1040.2	96.0
0°-40°	1078.7	99.6
0°-60°	1083.0	100.0
0°-90°	1083.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1083.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3253	3253	3253	3253	3253	
5°	3142	3151	3164	3179	3182	291
15°	2002	2036	2090	2104	2107	532
25°	363	366	371	368	360	190
35°	44	50	69	51	41	33
45°	1	3	8	3	1	2
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



TEST NUMBER: P1307172
 CATALOG NUMBER: LDSQA3D13R359024DE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3252.7	3252.7	3252.7	3252.7	3252.7
1°	3243.3	3247.6	3248.4	3254.4	3247.6
2°	3229.6	3232.1	3235.6	3240.7	3237.3
3°	3203.0	3208.1	3215.8	3222.7	3222.7
4°	3174.7	3181.5	3191.0	3203.0	3202.1
5°	3142.1	3150.6	3164.4	3178.9	3181.5
6°	3100.9	3111.2	3133.5	3154.1	3157.5
7°	3057.1	3072.6	3094.0	3124.0	3131.8
8°	3005.7	3017.7	3048.6	3083.7	3092.3
9°	2930.2	2948.2	2987.7	3020.3	3025.4
10°	2838.4	2851.3	2898.5	2932.8	2948.2
11°	2720.0	2738.9	2785.2	2820.4	2830.7
12°	2569.1	2596.5	2650.6	2676.3	2684.9
13°	2406.1	2429.2	2471.3	2503.0	2509.9
14°	2222.5	2244.8	2288.6	2314.3	2308.3
15°	2002.1	2035.5	2089.6	2104.1	2106.7
17.5°	1478.8	1500.3	1548.3	1571.5	1587.8
20°	991.6	1012.2	1041.3	1056.8	1043.9
22.5°	603.0	620.2	635.6	634.8	630.5
25°	362.8	366.3	370.6	368.0	360.3
27.5°	211.9	221.3	234.2	225.6	212.7
30°	134.7	142.4	156.1	141.5	131.2
32.5°	71.2	90.1	104.6	84.9	74.6
35°	43.7	49.8	68.6	50.6	41.2
37.5°	26.6	30.9	42.9	30.0	24.0
40°	13.7	19.7	24.9	18.0	12.9
42.5°	4.3	9.4	13.7	8.6	4.3
45°	0.9	2.6	7.7	2.6	0.9
47.5°	0.0	0.0	3.4	0.9	0.0
50°	0.0	0.0	0.9	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
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: P1307172
CATALOG NUMBER: LDSQA3D13R359024DE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)