

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: P1308143

Luminaire Tested: LDSQA3D13R359027DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308143
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: LDSQA3D13R359027DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

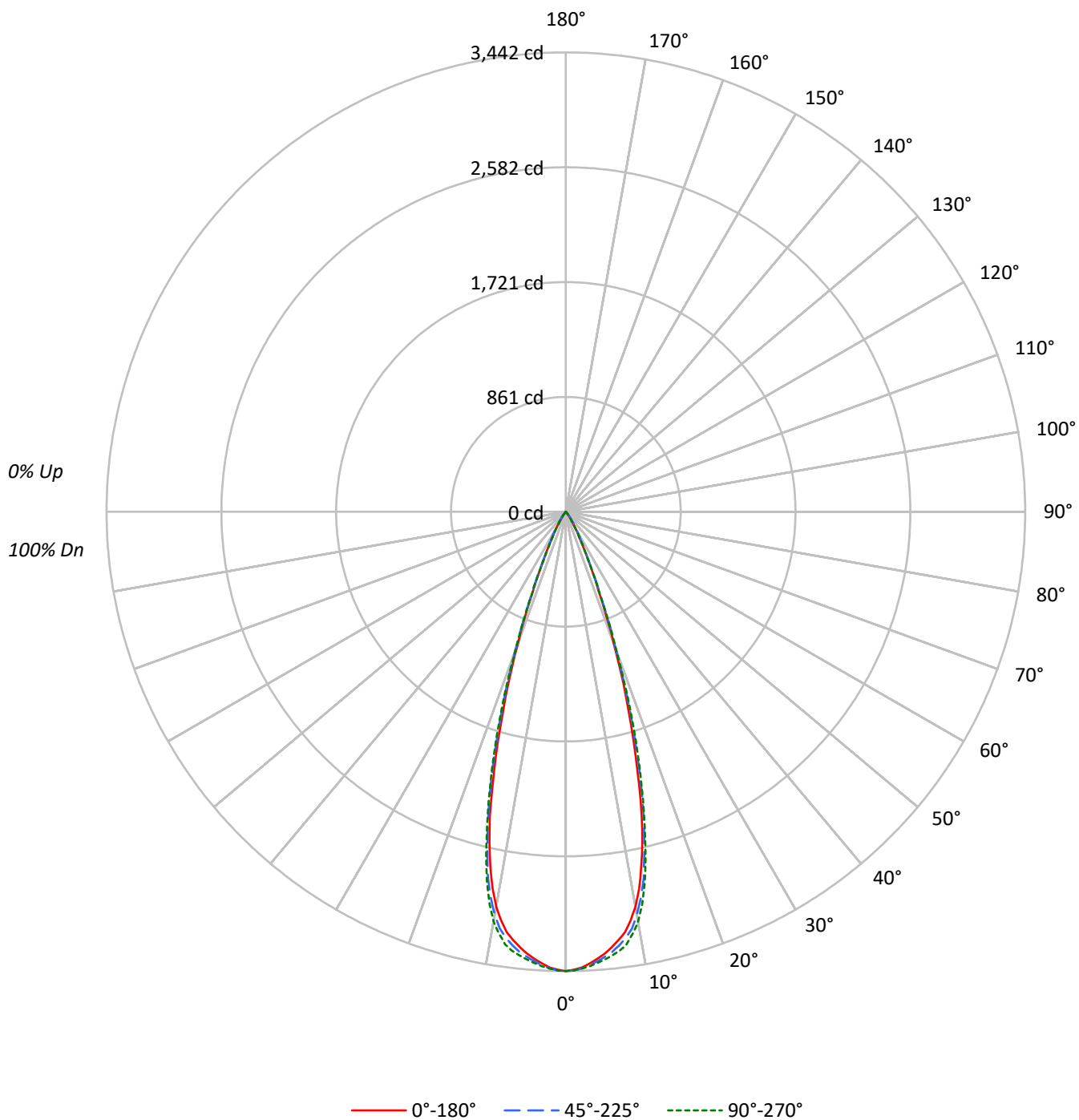
Lumens per Lamp: N/A
Luminaire Lumens: 1146.0 lumens
Efficiency: N/A
Efficacy: 78.5 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	95	94
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	92	91
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	88	87
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	85	84
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	82	81
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	79	78
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	77	76	75
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	74	73	72
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	71	70	69
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	69	67	66

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	592773	592773	592773
5°	574793	578873	582020
10°	525250	536373	545571
15°	377724	394235	397480
20°	192311	201951	202446
25°	72951	74509	72438
30°	28338	32853	27622
35°	9734	15264	9167
40°	3260	5913	3058
45°	219	1997	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: 1997 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	311.6	27.2
10°-20°	580.5	50.7
20°-30°	208.7	18.2
30°-40°	40.7	3.6
40°-50°	4.5	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°	1100.7	96.0
0°-40°	1141.4	99.6
0°-60°	1146.0	100.0
0°-90°	1146.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1146.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3442	3442	3442	3442	3442	
5°	3325	3334	3348	3364	3367	308
15°	2118	2154	2211	2226	2229	563
25°	384	388	392	389	381	201
35°	46	53	73	54	44	34
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3441.9	3441.9	3441.9	3441.9	3441.9
1°	3431.9	3436.5	3437.4	3443.7	3436.5
2°	3417.4	3420.1	3423.8	3429.2	3425.6
3°	3389.3	3394.7	3402.9	3410.2	3410.2
4°	3359.3	3366.6	3376.6	3389.3	3388.4
5°	3324.8	3333.9	3348.4	3363.9	3366.6
6°	3281.3	3292.2	3315.8	3337.5	3341.2
7°	3235.0	3251.3	3274.0	3305.8	3313.9
8°	3180.5	3193.2	3225.9	3263.1	3272.2
9°	3100.6	3119.7	3161.5	3195.9	3201.4
10°	3003.5	3017.1	3067.1	3103.4	3119.7
11°	2878.3	2898.2	2947.2	2984.5	2995.4
12°	2718.5	2747.6	2804.7	2832.0	2841.0
13°	2546.0	2570.6	2615.0	2648.6	2655.9
14°	2351.8	2375.4	2421.7	2448.9	2442.6
15°	2118.5	2153.9	2211.1	2226.5	2229.3
17.5°	1564.8	1587.5	1638.4	1662.9	1680.1
20°	1049.3	1071.1	1101.9	1118.3	1104.6
22.5°	638.1	656.3	672.6	671.7	667.1
25°	383.9	387.6	392.1	389.4	381.2
27.5°	224.2	234.2	247.8	238.7	225.1
30°	142.5	150.7	165.2	149.8	138.9
32.5°	75.3	95.3	110.7	89.9	79.0
35°	46.3	52.6	72.6	53.6	43.6
37.5°	28.1	32.7	45.4	31.8	25.4
40°	14.5	20.9	26.3	19.1	13.6
42.5°	4.5	10.0	14.5	9.1	4.5
45°	0.9	2.7	8.2	2.7	0.9
47.5°	0.0	0.0	3.6	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



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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)