

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: P1315637

Luminaire Tested: LDSQA3D13R359735DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315637
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: LDSQA3D13R359735DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

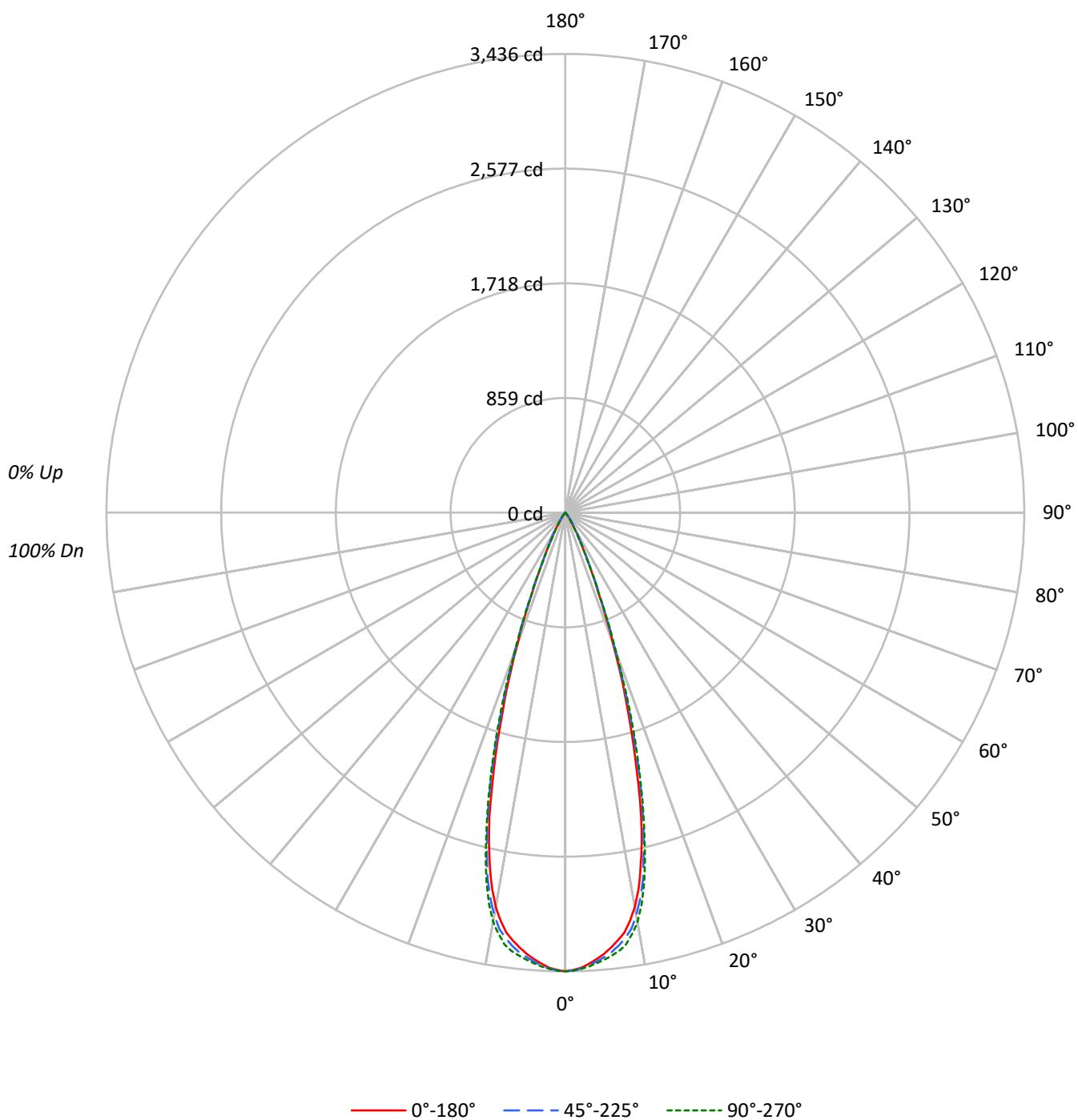
Lumens per Lamp: N/A
Luminaire Lumens: 1144.0 lumens
Efficiency: N/A
Efficacy: 78.4 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	65

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	591740	591740	591740
5°	573790	577870	581000
10°	524341	535428	544627
15°	377065	393557	396784
20°	191963	201603	202098
25°	72837	74376	72324
30°	28299	32793	27563
35°	9713	15243	9146
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°	311.0	27.2
10°-20°	579.5	50.7
20°-30°	208.3	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°	1098.8	96.0
0°-40°	1139.4	99.6
0°-60°	1144.0	100.0
0°-90°	1144.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1144.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3436	3436	3436	3436	3436	
5°	3319	3328	3343	3358	3361	307
15°	2115	2150	2207	2223	2225	562
25°	383	387	391	389	381	201
35°	46	53	72	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°	3435.9	3435.9	3435.9	3435.9	3435.9
1°	3426.0	3430.5	3431.4	3437.7	3430.5
2°	3411.5	3414.2	3417.8	3423.2	3419.6
3°	3383.4	3388.8	3397.0	3404.2	3404.2
4°	3353.5	3360.7	3370.7	3383.4	3382.5
5°	3319.0	3328.1	3342.6	3358.0	3360.7
6°	3275.5	3286.4	3310.0	3331.7	3335.3
7°	3229.3	3245.6	3268.3	3300.0	3308.2
8°	3175.0	3187.7	3220.3	3257.4	3266.5
9°	3095.2	3114.3	3155.9	3190.4	3195.8
10°	2998.3	3011.9	3061.7	3097.9	3114.3
11°	2873.2	2893.2	2942.1	2979.3	2990.1
12°	2713.8	2742.8	2799.8	2827.0	2836.1
13°	2541.6	2566.1	2610.5	2644.0	2651.2
14°	2347.7	2371.3	2417.5	2444.7	2438.3
15°	2114.8	2150.2	2207.3	2222.7	2225.4
17.5°	1562.1	1584.8	1635.5	1660.0	1677.2
20°	1047.4	1069.2	1100.0	1116.3	1102.7
22.5°	637.0	655.1	671.4	670.5	666.0
25°	383.3	386.9	391.4	388.7	380.6
27.5°	223.8	233.8	247.4	238.3	224.7
30°	142.3	150.4	164.9	149.5	138.6
32.5°	75.2	95.1	110.5	89.7	78.8
35°	46.2	52.6	72.5	53.5	43.5
37.5°	28.1	32.6	45.3	31.7	25.4
40°	14.5	20.8	26.3	19.0	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)