

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: P1316116

Luminaire Tested: LDSQA3D02R359740DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316116
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: LDSQA3D02R359740DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

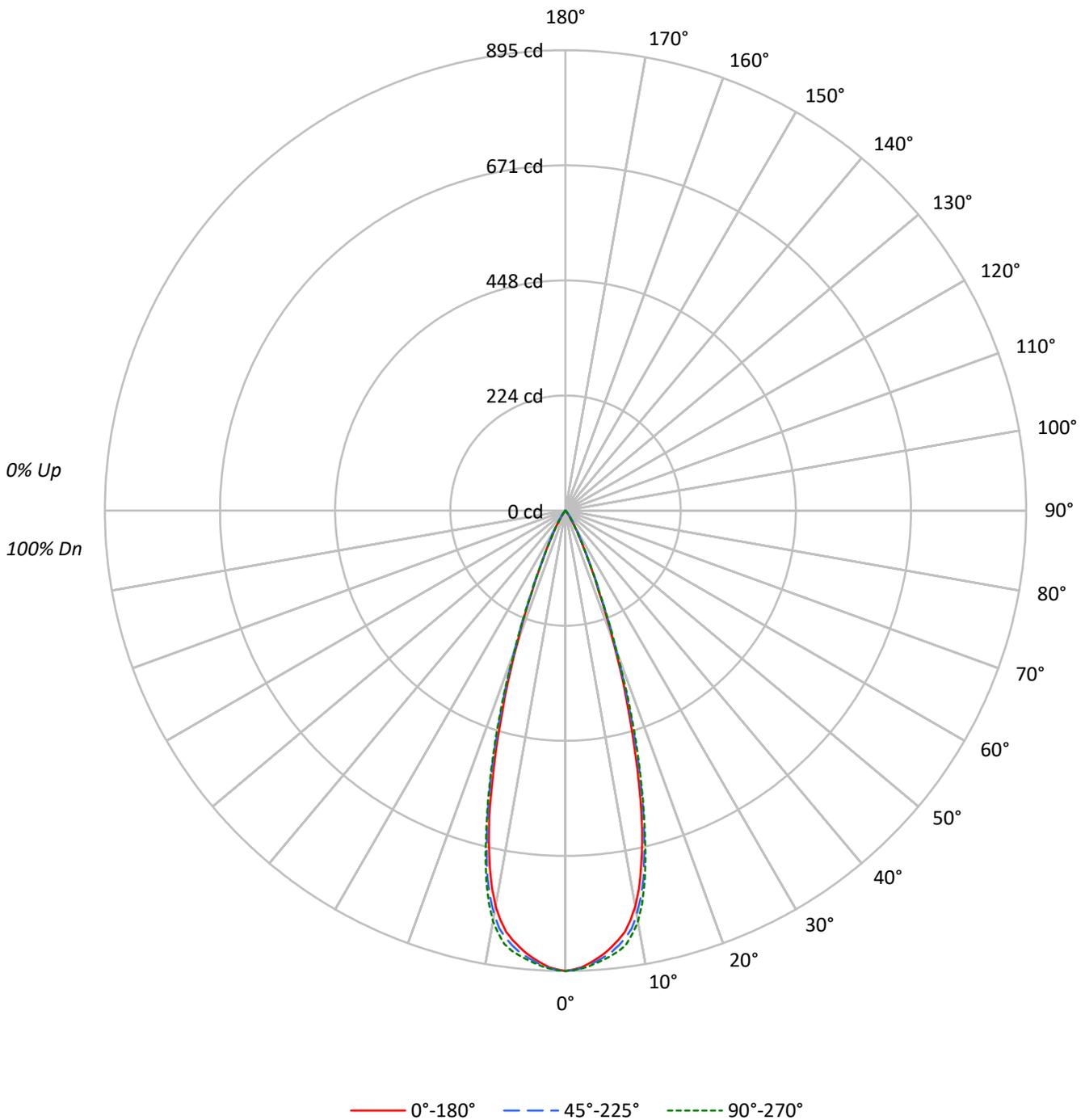
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 298.0 lumens
Efficiency: N/A
Efficacy: 82.8 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): 3.6
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		0	
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	88	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	72	71	70
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	70	69	68

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	154139	154139	154139
5°	149472	150527	151340
10°	136581	139466	141862
15°	98224	102521	103359
20°	49998	52508	52637
25°	18965	19383	18832
30°	7378	8551	7179
35°	2523	3974	2376
40°	854	1529	787
45°	49	511	49
50°	0	54	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: 511 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.0	27.2
10°-20°	150.9	50.7
20°-30°	54.3	18.2
30°-40°	10.6	3.6
40°-50°	1.2	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°	286.2	96.0
0°-40°	296.8	99.6
0°-60°	298.0	100.0
0°-90°	298.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	298.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	895	895	895	895	895	
5°	865	867	871	875	875	80
15°	551	560	575	579	580	146
25°	100	101	102	101	99	52
35°	12	14	19	14	11	9
45°	0	1	2	1	0	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°	895.0	895.0	895.0	895.0	895.0
1°	892.4	893.6	893.8	895.5	893.6
2°	888.6	889.4	890.3	891.7	890.8
3°	881.3	882.7	884.9	886.8	886.8
4°	873.5	875.4	878.0	881.3	881.1
5°	864.6	866.9	870.7	874.7	875.4
6°	853.2	856.1	862.2	867.9	868.8
7°	841.2	845.5	851.4	859.6	861.7
8°	827.0	830.4	838.8	848.5	850.9
9°	806.3	811.2	822.1	831.1	832.5
10°	781.0	784.6	797.5	807.0	811.2
11°	748.4	753.6	766.4	776.1	778.9
12°	706.9	714.5	729.3	736.4	738.8
13°	662.1	668.4	680.0	688.7	690.6
14°	611.6	617.7	629.7	636.8	635.2
15°	550.9	560.1	575.0	579.0	579.7
17.5°	406.9	412.8	426.0	432.4	436.9
20°	272.8	278.5	286.5	290.8	287.2
22.5°	165.9	170.6	174.9	174.7	173.5
25°	99.8	100.8	102.0	101.3	99.1
27.5°	58.3	60.9	64.4	62.1	58.5
30°	37.1	39.2	43.0	38.9	36.1
32.5°	19.6	24.8	28.8	23.4	20.5
35°	12.0	13.7	18.9	13.9	11.3
37.5°	7.3	8.5	11.8	8.3	6.6
40°	3.8	5.4	6.8	5.0	3.5
42.5°	1.2	2.6	3.8	2.4	1.2
45°	0.2	0.7	2.1	0.7	0.2
47.5°	0.0	0.0	0.9	0.2	0.0
50°	0.0	0.0	0.2	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)