Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P1315144

Luminaire Tested: LDSQA3D02R359735DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1315144
	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:	LDSQA3D02R359735DE010 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:	287.0 lumens
Efficiency:	N/A
Efficacy:	79.7 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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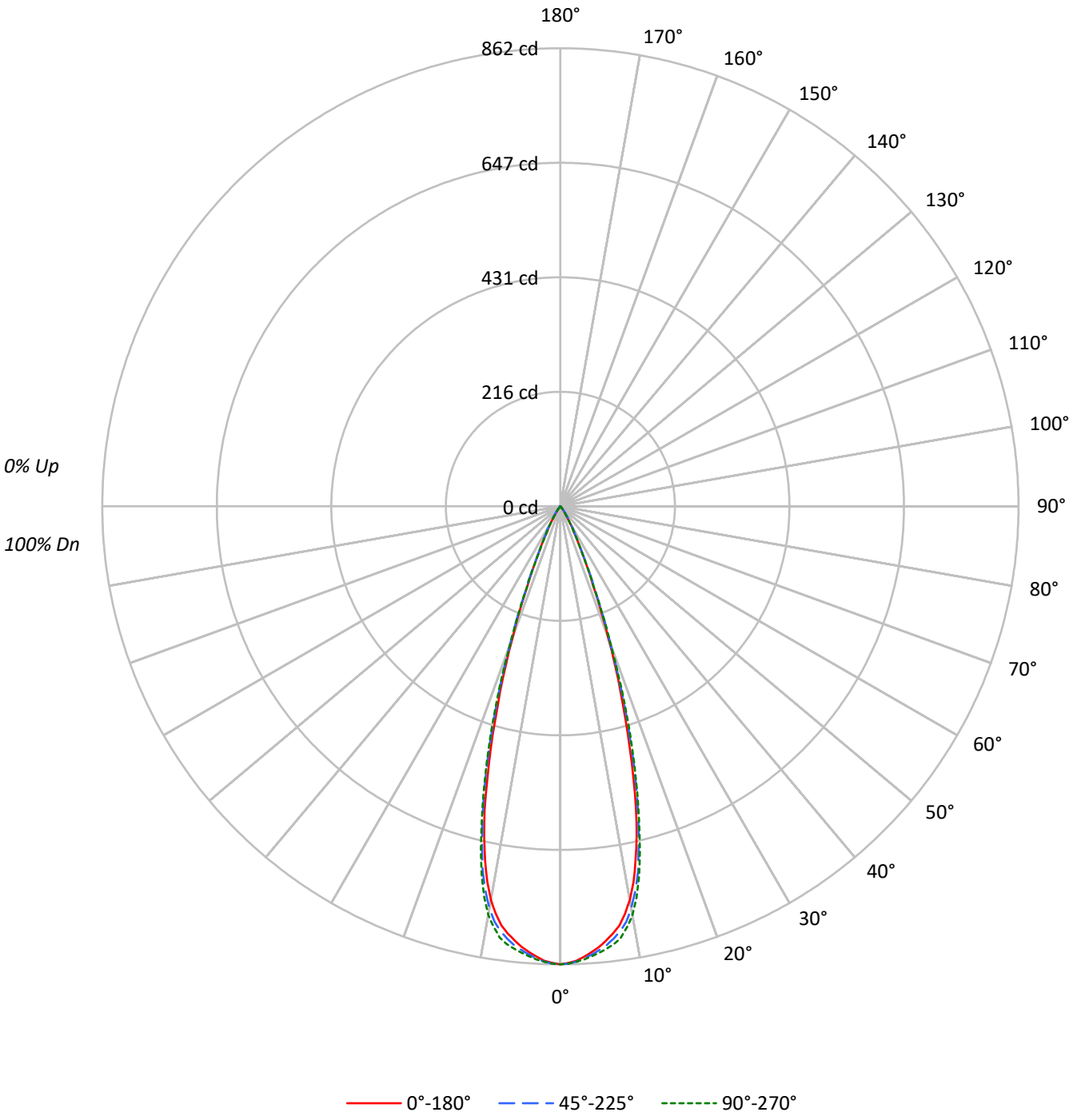
Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20			20			20			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	107	107	105	104	103	102	101	100	99	98	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	88	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	71

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	148456	148456	148456
5°	143958	144978	145756
10°	131544	134325	136633
15°	94605	98724	99544
20°	48165	50584	50694
25°	18281	18661	18148
30°	7100	8233	6921
35°	2439	3826	2292
40°	809	1484	764
45°	49	487	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: 487 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.0	27.2
10°-20°	145.4	50.7
20°-30°	52.3	18.2
30°-40°	10.2	3.6
40°-50°	1.1	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°	275.7	96.0
0°-40°	285.9	99.6
0°-60°	287.0	100.0
0°-90°	287.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	287.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	862	862	862	862	862	
5°	833	835	839	842	843	77
15°	531	539	554	558	558	141
25°	96	97	98	98	96	50
35°	12	13	18	13	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	862.0	862.0	862.0	*862.0*	862.0
1°	*859.5*	*860.6*	*860.8*	*862.4*	*860.6*
2°	855.8	856.5	857.4	*858.8*	857.9
3°	848.8	850.2	852.2	*854.0*	854.0
4°	841.3	843.1	845.6	*848.8*	848.6
5°	832.7	834.9	838.6	*842.4*	843.1
6°	821.7	824.5	830.4	*835.8*	836.8
7°	810.2	814.2	819.9	*827.9*	829.9
8°	796.5	799.7	807.9	*817.2*	819.5
9°	776.5	781.3	791.7	*800.4*	801.7
10°	752.2	755.6	768.1	*777.2*	781.3
11°	720.8	725.8	738.1	*747.4*	750.1
12°	680.8	688.1	702.4	*709.2*	711.5
13°	637.6	643.8	654.9	*663.3*	665.1
14°	589.0	594.9	606.5	*613.3*	611.7
15°	530.6	539.4	553.7	*557.6*	558.3
17.5°	391.9	397.6	410.3	*416.4*	420.8
20°	262.8	268.2	276.0	*280.1*	276.6
22.5°	159.8	164.3	168.4	*168.2*	167.1
25°	96.2	97.1	98.2	*97.5*	95.5
27.5°	56.1	58.6	62.1	*59.8*	56.4
30°	35.7	37.7	41.4	*37.5*	34.8
32.5°	18.9	23.9	27.7	*22.5*	19.8
35°	11.6	13.2	18.2	*13.4*	10.9
37.5°	7.0	8.2	11.4	*8.0*	6.4
40°	3.6	5.2	6.6	*4.8*	3.4
42.5°	1.1	2.5	3.6	*2.3*	1.1
45°	0.2	0.7	2.0	*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)