

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: IRiS

Report Number: P1309647

Luminaire Tested: P3SQAS24R609035D010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309647
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS24R609035D010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

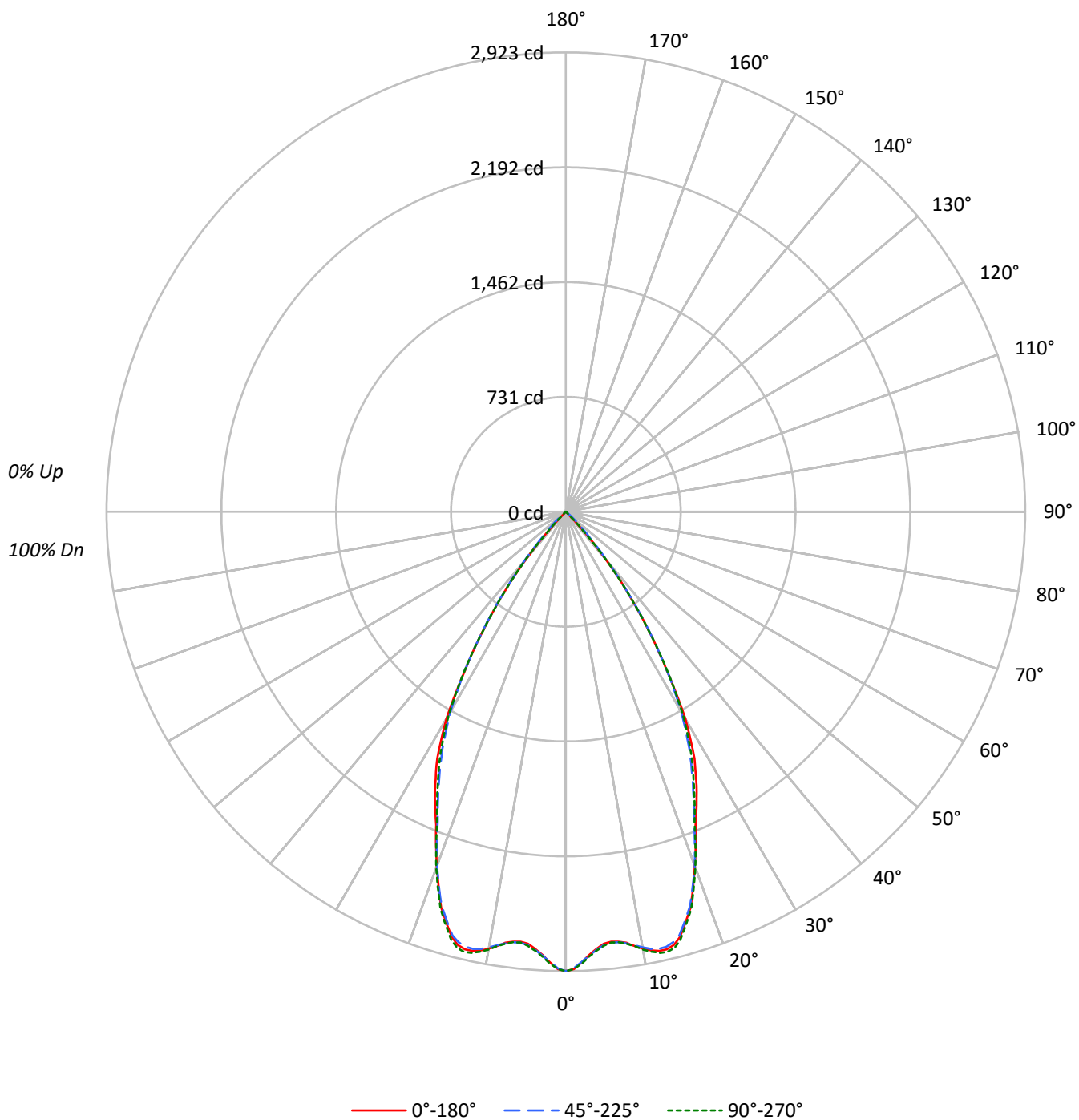
Lumens per Lamp: N/A
Luminaire Lumens: 2607.0 lumens
Efficiency: N/A
Efficacy: 90.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	111	108	106	111	109	107	105	105	103	101		101	100	98		98	96	95	94
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93	91	89	87
3	103	97	92	88	101	95	91	87	93	89	86		90	87	84		88	85	83	82
4	98	90	85	81	96	89	84	80	87	83	79		85	81	79		83	80	78	76
5	93	85	79	75	91	84	79	75	82	77	74		80	76	73		79	75	73	71
6	88	80	74	70	87	79	73	69	77	73	69		76	72	68		75	71	68	67
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71	67	64	62
8	80	71	65	61	79	70	65	61	69	64	60		68	64	60		67	63	60	59
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64	60	56	55
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61	56	53	52

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	503372	503372	503372
5°	477081	478499	479207
10°	493667	492233	494734
15°	499680	497487	502586
20°	439990	439605	441859
25°	374410	363559	366656
30°	302176	291636	296509
35°	191260	192963	190818
40°	89411	93076	90805
45°	5456	32783	6454
50°	2733	7663	2733
55°	3063	3063	3063
60°	2824	2824	2824
65°	2486	3342	2486
70°	3072	3072	3072
75°	2728	2728	2728
80°	1984	1984	1984
85°	3952	3952	3952

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 32783 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	266.3	10.2
10°-20°	767.3	29.4
20°-30°	884.4	33.9
30°-40°	567.9	21.8
40°-50°	98.8	3.8
50°-60°	9.4	0.4
60°-70°	7.2	0.3
70°-80°	4.3	0.2
80°-90°	1.4	0.1
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°	1918.0	73.6
0°-40°	2485.9	95.4
0°-60°	2594.1	99.5
0°-90°	2607.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2607.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2923	2923	2923	2923	2923	
5°	2760	2766	2768	2774	2772	266
15°	2802	2792	2790	2809	2819	768
25°	1970	1948	1913	1915	1930	898
35°	910	904	918	900	908	568
45°	22	67	135	80	26	74
55°	10	10	10	10	10	9
65°	6	8	8	8	6	7
75°	4	4	4	4	4	4
85°	2	2	2	2	2	1
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2922.8	2922.8	2922.8	2922.8	2922.8
1°	2910.6	2908.5	2906.5	2908.5	2910.6
2°	2869.8	2867.7	2865.7	2873.9	2877.9
3°	2824.9	2827.0	2829.0	2833.1	2835.1
4°	2788.2	2792.3	2794.3	2798.4	2800.4
5°	2759.6	2765.8	2767.8	2773.9	2771.9
6°	2751.5	2755.6	2757.6	2759.6	2755.6
7°	2755.6	2757.6	2759.6	2763.7	2759.6
8°	2769.8	2771.9	2773.9	2776.0	2776.0
9°	2798.4	2794.3	2792.3	2800.4	2798.4
10°	2822.9	2816.8	2814.7	2827.0	2829.0
11°	2843.3	2835.1	2833.1	2847.4	2851.4
12°	2857.6	2845.3	2843.3	2861.6	2869.8
13°	2857.6	2841.2	2841.2	2861.6	2873.9
14°	2841.2	2822.9	2822.9	2845.3	2859.6
15°	2802.5	2792.3	2790.2	2808.6	2818.8
17.5°	2639.3	2627.1	2629.1	2649.5	2651.5
20°	2400.7	2394.6	2398.6	2402.7	2410.9
22.5°	2158.0	2153.9	2131.4	2137.6	2141.6
25°	1970.3	1947.9	1913.2	1915.2	1929.5
27.5°	1772.5	1750.0	1701.1	1711.3	1725.5
30°	1519.5	1501.2	1466.5	1472.6	1491.0
32.5°	1193.2	1229.9	1197.3	1207.5	1201.4
35°	909.7	903.6	917.8	899.5	907.6
37.5°	640.5	642.5	648.6	632.3	632.3
40°	397.7	407.9	414.0	405.9	403.9
42.5°	167.3	228.4	240.7	228.4	169.3
45°	22.4	67.3	134.6	79.5	26.5
47.5°	10.2	14.3	71.4	14.3	10.2
50°	10.2	10.2	28.6	10.2	10.2
52.5°	10.2	10.2	10.2	10.2	10.2
55°	10.2	10.2	10.2	10.2	10.2
57.5°	10.2	10.2	10.2	10.2	10.2
60°	8.2	8.2	8.2	8.2	8.2
62.5°	8.2	8.2	8.2	8.2	8.2
65°	6.1	8.2	8.2	8.2	6.1
67.5°	6.1	6.1	6.1	6.1	6.1
70°	6.1	6.1	6.1	6.1	6.1
72.5°	4.1	4.1	4.1	4.1	4.1
75°	4.1	4.1	4.1	4.1	4.1
77.5°	4.1	4.1	4.1	4.1	4.1
80°	2.0	2.0	2.0	2.0	2.0
82.5°	2.0	2.0	2.0	2.0	2.0
85°	2.0	2.0	2.0	2.0	2.0
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)