

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: P1309646

Luminaire Tested: P3SQAS24R609035D010 E3SQCD1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309646
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS24R609035D010 E3SQCD1MMS
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3SQCD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

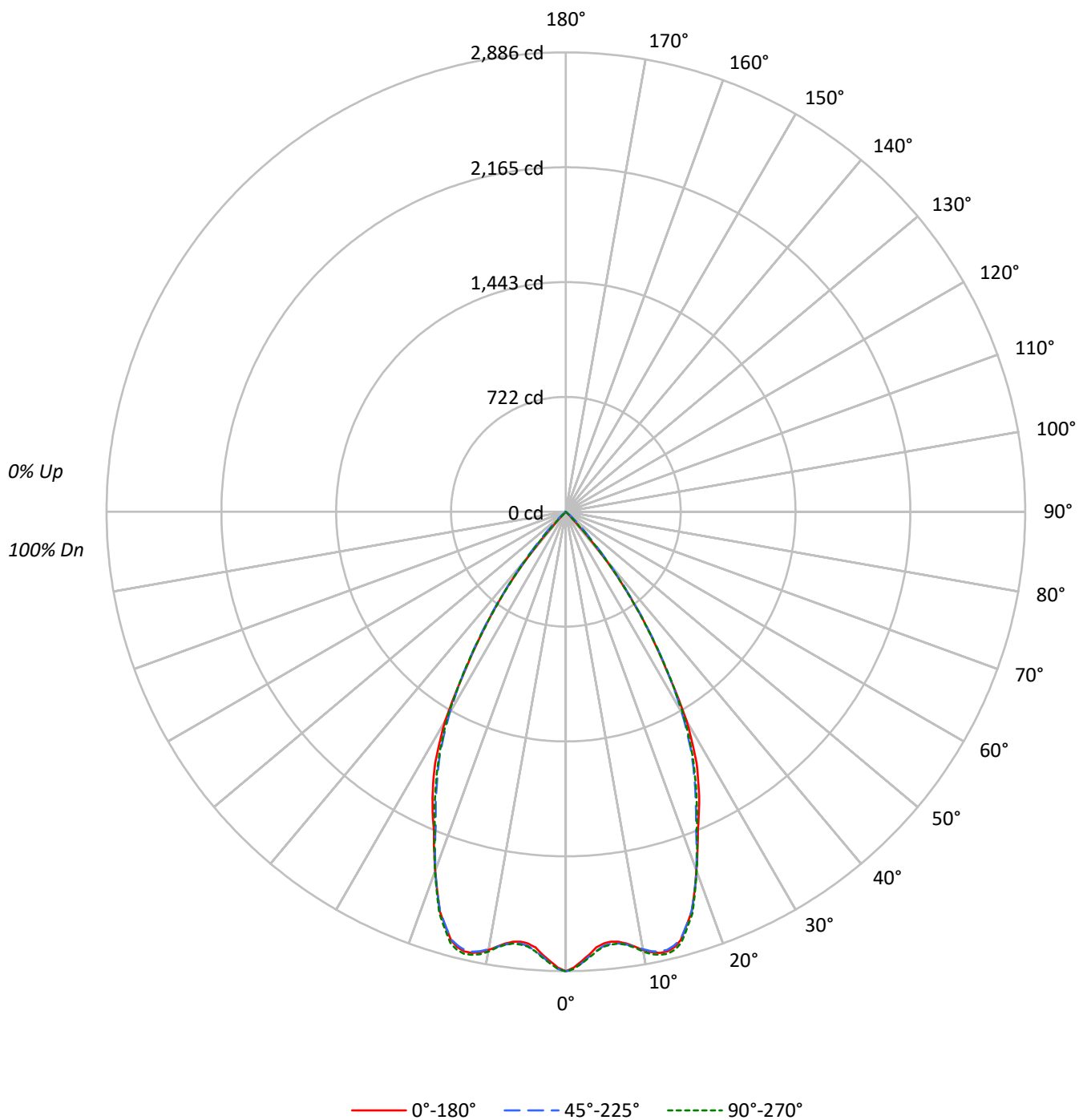
Lumens per Lamp: N/A
Luminaire Lumens: 2558.0 lumens
Efficiency: N/A
Efficacy: 88.8 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	97	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	88	85		88
4	98	91	86	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	76	92	84	79	75	83	78	75		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	66	62	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	497121	497121	497121
5°	470805	473278	473986
10°	488736	488019	490887
15°	496845	496114	499751
20°	439678	439678	440411
25°	376785	365554	368652
30°	301421	290463	294918
35°	186992	190860	186571
40°	82082	90355	84375
45°	999	29325	2484
50°	0	3269	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: 29325 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	263.6	10.3
10°-20°	764.2	29.9
20°-30°	887.2	34.7
30°-40°	558.7	21.8
40°-50°	83.9	3.3
50°-60°	0.4	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°	1915.0	74.9
0°-40°	2473.7	96.7
0°-60°	2558.0	100.0
0°-90°	2558.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2558.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2886	2886	2886	2886	2886	
5°	2723	2734	2738	2744	2742	263
15°	2787	2776	2782	2801	2803	764
25°	1983	1960	1924	1932	1940	901
35°	889	892	908	889	887	555
45°	4	39	120	51	10	55
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°	2886.5	2886.5	2886.5	2886.5	2886.5
1°	2864.1	2872.2	2872.2	2874.3	2872.2
2°	2825.3	2837.6	2837.6	2843.7	2839.6
3°	2786.6	2796.8	2798.8	2807.0	2804.9
4°	2743.7	2760.0	2766.2	2770.2	2768.2
5°	2723.3	2733.5	2737.6	2743.7	2741.7
6°	2715.2	2723.3	2727.4	2733.5	2733.5
7°	2721.3	2727.4	2733.5	2737.6	2733.5
8°	2739.6	2745.8	2745.8	2753.9	2747.8
9°	2766.2	2768.2	2768.2	2778.4	2772.3
10°	2794.7	2790.6	2790.6	2804.9	2807.0
11°	2819.2	2815.1	2813.1	2827.4	2831.4
12°	2833.5	2825.3	2825.3	2843.7	2845.7
13°	2835.5	2825.3	2825.3	2843.7	2849.8
14°	2819.2	2807.0	2809.0	2829.4	2835.5
15°	2786.6	2776.4	2782.5	2800.8	2802.9
17.5°	2631.5	2625.4	2629.5	2641.7	2643.8
20°	2399.0	2394.9	2399.0	2399.0	2403.0
22.5°	2168.5	2158.3	2137.9	2150.1	2152.1
25°	1982.8	1960.4	1923.7	1931.8	1940.0
27.5°	1778.8	1750.3	1711.5	1721.7	1723.7
30°	1515.7	1501.4	1460.6	1470.8	1483.0
32.5°	1170.9	1209.7	1185.2	1183.2	1185.2
35°	889.4	891.5	907.8	889.4	887.4
37.5°	622.2	624.2	636.5	616.1	618.1
40°	365.1	391.7	401.9	393.7	375.3
42.5°	114.2	202.0	228.5	197.9	126.5
45°	4.1	38.8	120.4	51.0	10.2
47.5°	0.0	2.0	57.1	4.1	0.0
50°	0.0	0.0	12.2	0.0	0.0
52.5°	0.0	0.0	2.0	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)