

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: P1305901

Luminaire Tested: P3SQAS13R259024DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305901
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS13R259024DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

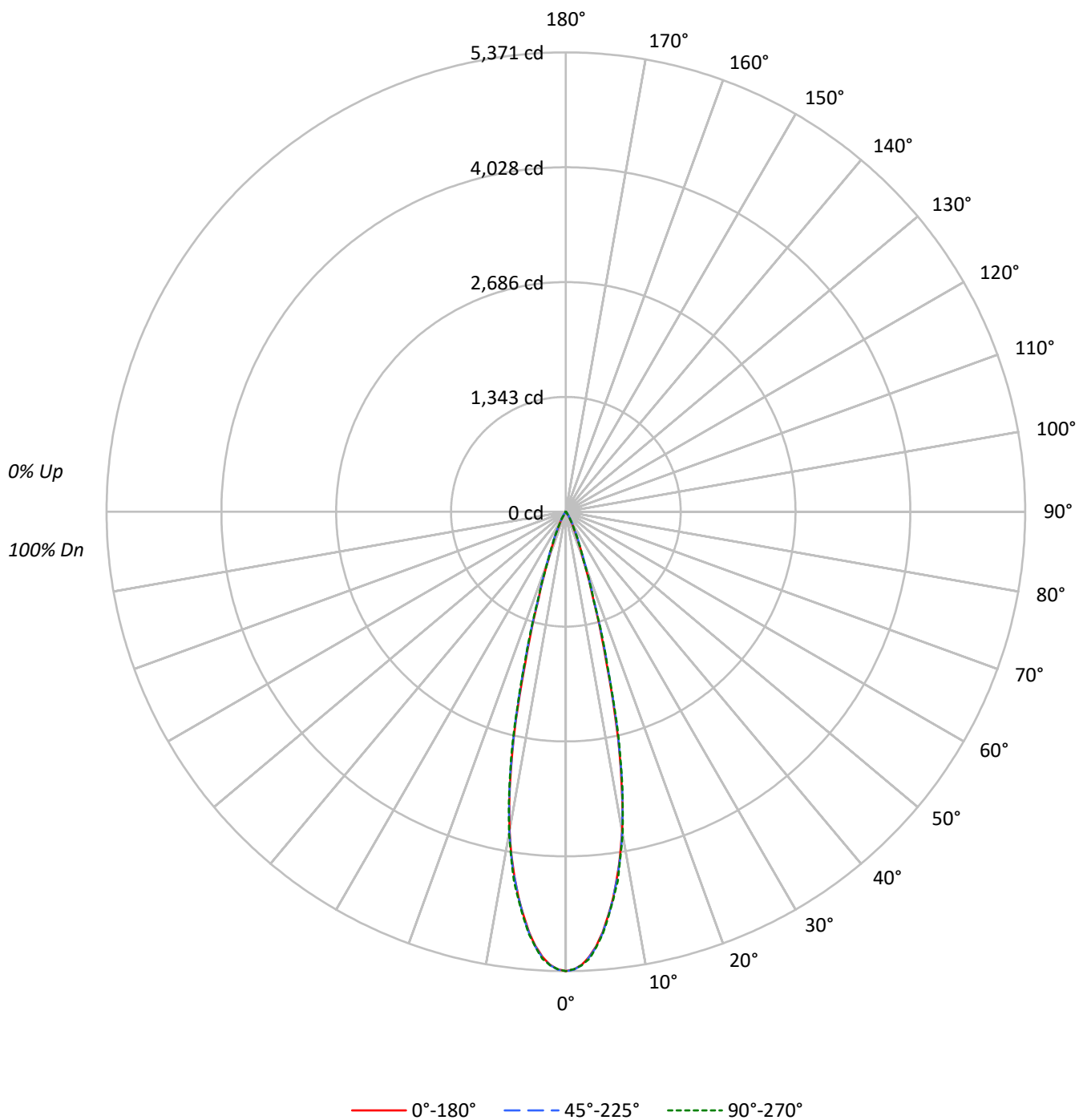
Lumens per Lamp: N/A
Luminaire Lumens: 1118.0 lumens
Efficiency: N/A
Efficacy: 76.6 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	113	111	110	113	111	110	108	107	106	105		103	103	102		100
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90
7	97	91	87	85	96	91	87	84	90	86	84		89	86	84		88
8	95	89	85	82	94	88	85	82	87	84	82		87	84	82		86
9	93	86	83	80	92	86	82	80	85	82	80		85	82	80		84
10	91	84	81	78	90	84	80	78	83	80	78		83	80	78		82

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	925025	925025	925025
5°	852923	854860	856640
10°	662234	664647	668249
15°	327266	341031	341191
20°	110204	117590	112403
25°	45644	50699	46937
30°	17918	22512	18077
35°	4688	9188	4878
40°	1731	3665	1731
45°	219	1047	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: 1047 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	435.2	38.9
10°-20°	526.4	47.1
20°-30°	128.5	11.5
30°-40°	25.0	2.2
40°-50°	2.8	0.3
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°	1090.2	97.5
0°-40°	1115.2	99.7
0°-60°	1118.0	100.0
0°-90°	1118.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1118.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5371	5371	5371	5371	5371	
5°	4934	4940	4945	4966	4955	434
15°	1836	1879	1913	1932	1914	517
25°	240	253	267	256	247	122
35°	22	32	44	32	23	20
45°	1	3	4	3	1	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°	5371.1	5371.1	5371.1	5371.1	5371.1
1°	5350.5	5353.9	5354.8	5359.9	5349.6
2°	5301.6	5302.4	5305.0	5315.3	5305.9
3°	5211.5	5217.5	5218.4	5232.1	5234.7
4°	5088.9	5092.3	5099.2	5122.3	5101.7
5°	4933.6	4940.5	4944.8	4966.2	4955.1
6°	4741.5	4743.2	4752.6	4777.5	4762.1
7°	4545.9	4545.1	4545.9	4565.7	4561.4
8°	4310.1	4305.8	4319.5	4343.5	4359.8
9°	4063.9	4069.9	4078.5	4101.6	4082.8
10°	3786.8	3803.1	3800.6	3802.3	3821.2
11°	3467.8	3472.9	3473.8	3491.8	3489.2
12°	3092.9	3092.9	3121.2	3150.4	3141.0
13°	2714.7	2741.3	2722.4	2728.4	2766.2
14°	2273.8	2294.4	2320.1	2344.2	2325.3
15°	1835.5	1879.3	1912.7	1931.6	1913.6
17.5°	1051.6	1066.1	1094.5	1097.9	1086.7
20°	601.3	619.3	641.6	634.7	613.3
22.5°	378.3	383.4	405.7	394.6	389.4
25°	240.2	253.0	266.8	255.6	247.0
27.5°	149.2	157.8	172.4	160.4	151.0
30°	90.1	97.8	113.2	96.9	90.9
32.5°	47.2	58.3	71.2	59.2	47.2
35°	22.3	31.7	43.7	31.7	23.2
37.5°	13.7	17.2	26.6	17.2	13.7
40°	7.7	11.2	16.3	11.2	7.7
42.5°	3.4	6.0	7.7	6.0	4.3
45°	0.9	2.6	4.3	2.6	0.9
47.5°	0.0	0.0	2.6	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)