

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: P1305903

Luminaire Tested: P3SQAS13R259024DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305903
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS13R259024DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

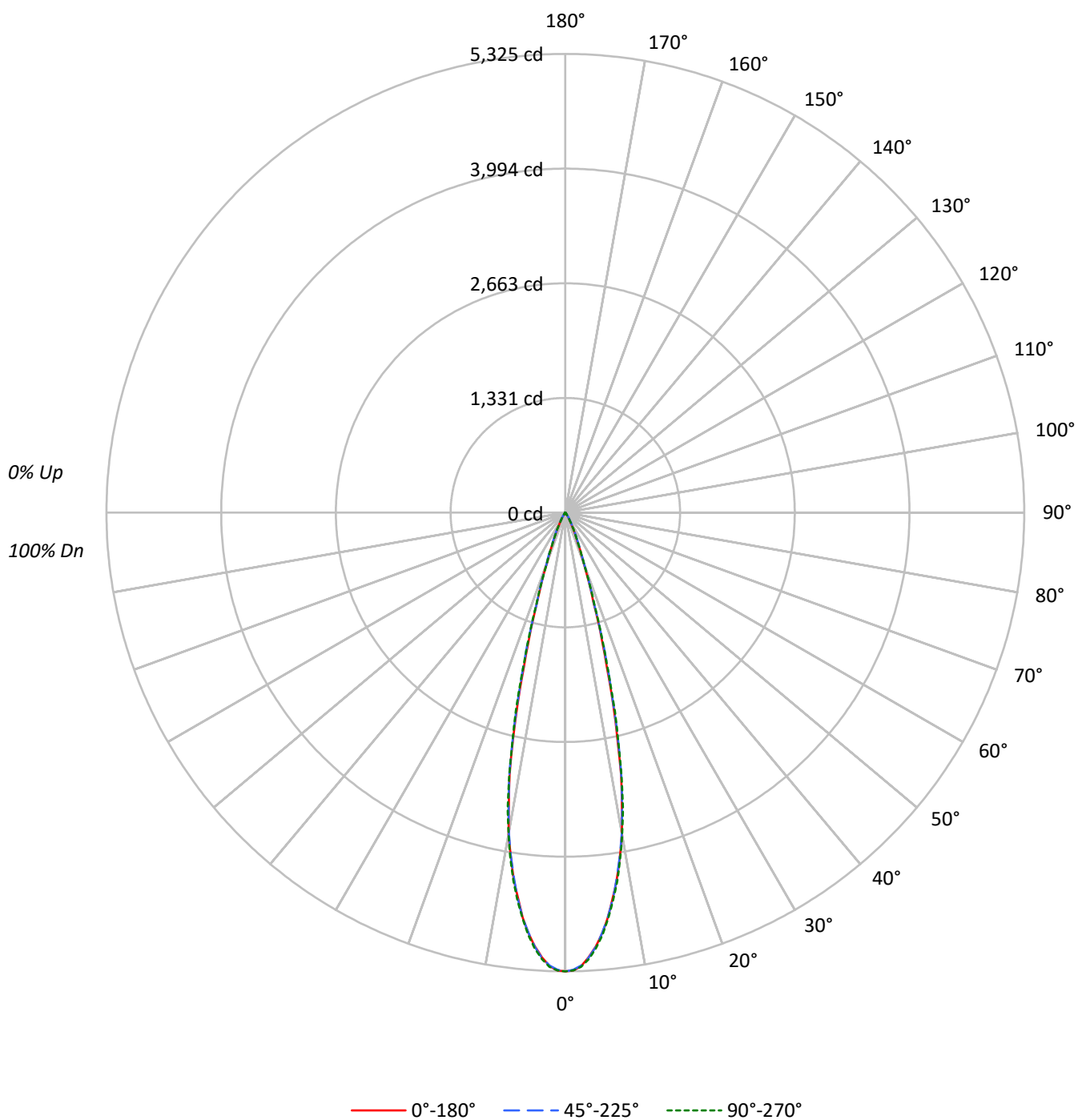
Lumens per Lamp: N/A
Luminaire Lumens: 1125.0 lumens
Efficiency: N/A
Efficacy: 77.1 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	109	108	107	106	105		103	102	102		100
2	112	108	105	103	110	107	104	102	103	101	100		101	99	97		98
3	108	104	100	98	107	103	99	97	100	98	95		98	96	94		96
4	105	100	96	93	104	99	96	93	97	94	92		95	93	91		94
5	102	97	93	90	101	96	92	90	94	91	89		93	90	88		91
6	100	94	90	87	98	93	89	87	92	88	86		90	88	86		89
7	97	91	87	84	96	90	87	84	89	86	84		88	85	83		87
8	95	88	84	82	94	88	84	82	87	84	81		86	83	81		85
9	92	86	82	80	91	86	82	79	85	82	79		84	81	79		83
10	90	84	80	78	89	84	80	77	83	80	77		82	79	77		82

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	917137	917137	917137
5°	847132	846838	851575
10°	661744	659943	664437
15°	332900	346807	346504
20°	113906	117058	115170
25°	45777	51478	47735
30°	18574	22154	18077
35°	5403	9734	5403
40°	2496	4249	2496
45°	828	1681	828
50°	455	697	455
55°	510	510	510
60°	586	586	586
65°	367	367	367
70°	453	453	453
75°	599	599	599
80°	0	893	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 1681 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	432.0	38.4
10°-20°	528.8	47.0
20°-30°	129.2	11.5
30°-40°	26.7	2.4
40°-50°	4.7	0.4
50°-60°	1.5	0.1
60°-70°	1.2	0.1
70°-80°	0.9	0.1
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°	1090.0	96.9
0°-40°	1116.7	99.3
0°-60°	1122.9	99.8
0°-90°	1125.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1125.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5325	5325	5325	5325	5325	
5°	4900	4904	4898	4909	4926	432
15°	1867	1899	1945	1954	1943	521
25°	241	252	271	256	251	123
35°	26	36	46	35	26	22
45°	3	5	7	5	3	3
55°	2	2	2	2	2	2
65°	1	2	1	1	1	1
75°	1	1	1	1	1	1
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°	5325.3	5325.3	5325.3	5325.3	5325.3
1°	5315.0	5308.2	5306.4	5307.3	5315.9
2°	5267.0	5262.7	5261.9	5264.4	5276.4
3°	5169.3	5174.4	5176.1	5184.7	5190.7
4°	5049.3	5059.6	5055.3	5065.6	5072.4
5°	4900.1	4904.4	4898.4	4908.7	4925.8
6°	4726.1	4710.7	4725.2	4729.5	4741.5
7°	4509.2	4512.6	4517.8	4522.9	4540.9
8°	4295.7	4285.5	4282.9	4306.9	4321.5
9°	4046.3	4048.0	4038.6	4066.0	4070.3
10°	3784.0	3762.5	3773.7	3795.1	3799.4
11°	3437.6	3431.6	3447.9	3481.3	3507.9
12°	3112.7	3116.1	3133.3	3144.4	3138.4
13°	2683.2	2708.9	2730.4	2741.5	2726.9
14°	2294.9	2294.9	2322.3	2326.6	2378.9
15°	1867.1	1898.8	1945.1	1953.7	1943.4
17.5°	1078.4	1082.7	1105.0	1104.2	1120.4
20°	621.5	627.5	638.7	636.1	628.4
22.5°	373.8	386.6	413.2	391.8	385.8
25°	240.9	252.0	270.9	255.5	251.2
27.5°	150.9	158.6	173.2	159.5	152.6
30°	93.4	97.7	111.4	98.6	90.9
32.5°	50.6	61.7	72.9	61.7	50.6
35°	25.7	36.0	46.3	35.1	25.7
37.5°	17.1	20.6	30.0	19.7	17.1
40°	11.1	13.7	18.9	13.7	11.1
42.5°	6.0	8.6	10.3	9.4	6.0
45°	3.4	5.1	6.9	5.1	3.4
47.5°	2.6	2.6	4.3	2.6	1.7
50°	1.7	1.7	2.6	1.7	1.7
52.5°	1.7	1.7	1.7	1.7	1.7
55°	1.7	1.7	1.7	1.7	1.7
57.5°	1.7	1.7	1.7	1.7	1.7
60°	1.7	1.7	1.7	1.7	1.7
62.5°	1.7	1.7	1.7	1.7	1.7
65°	0.9	1.7	0.9	0.9	0.9
67.5°	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9
80°	0.0	0.0	0.9	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)