

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: P1313394

Luminaire Tested: P3SQAS13R259730DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313394
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: P3SQAS13R259730DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

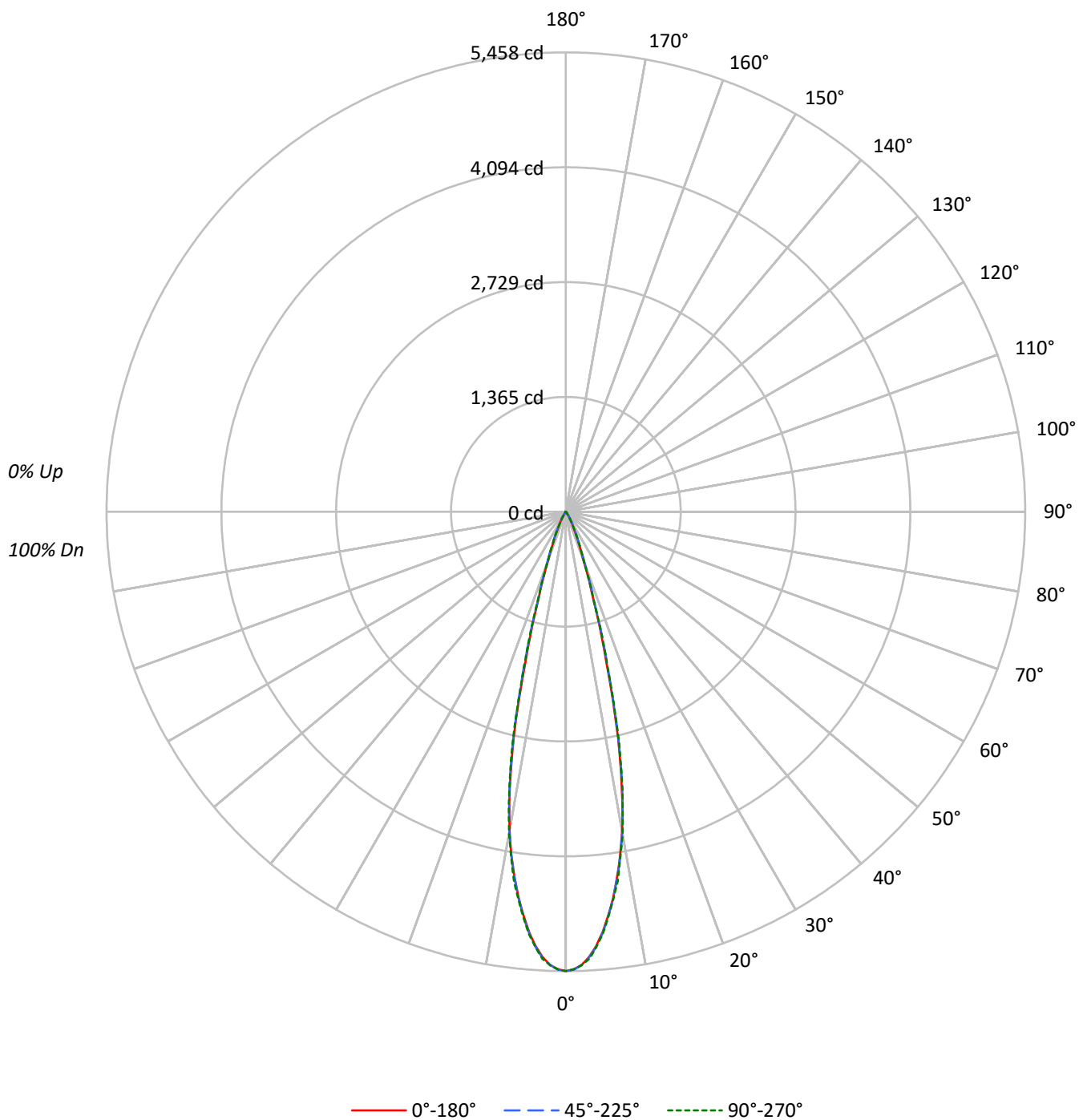
Lumens per Lamp: N/A
Luminaire Lumens: 1136.0 lumens
Efficiency: N/A
Efficacy: 77.8 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97	96	96
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	93	93
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	91	91
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	88	88
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	86	86
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	84	83	83
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82	81	81
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	80	79	79
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	78	77	77
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	76	75	75

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	939905	939905	939905
5°	866650	868621	870419
10°	672901	675349	679004
15°	332544	346522	346683
20°	111963	119477	114199
25°	46367	51497	47697
30°	18196	22870	18375
35°	4773	9335	4941
40°	1754	3732	1754
45°	219	1072	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: 1072 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	442.2	38.9
10°-20°	534.9	47.1
20°-30°	130.6	11.5
30°-40°	25.4	2.2
40°-50°	2.9	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°	1107.7	97.5
0°-40°	1133.1	99.7
0°-60°	1136.0	100.0
0°-90°	1136.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1136.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5458	5458	5458	5458	5458	
5°	5013	5020	5024	5046	5035	441
15°	1865	1910	1944	1963	1944	525
25°	244	257	271	260	251	124
35°	23	32	44	32	24	20
45°	1	3	4	3	1	2
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°	5457.5	5457.5	5457.5	5457.5	5457.5
1°	5436.6	5440.1	5441.0	5446.2	5435.7
2°	5386.9	5387.8	5390.4	5400.9	5391.3
3°	5295.4	5301.5	5302.4	5316.3	5319.0
4°	5170.8	5174.3	5181.3	5204.8	5183.9
5°	5013.0	5020.0	5024.4	5046.2	5034.8
6°	4817.8	4819.6	4829.2	4854.4	4838.7
7°	4619.1	4618.2	4619.1	4639.2	4634.8
8°	4379.4	4375.1	4389.0	4413.4	4430.0
9°	4129.3	4135.4	4144.1	4167.7	4148.5
10°	3847.8	3864.4	3861.8	3863.5	3882.7
11°	3523.6	3528.8	3529.7	3548.0	3545.4
12°	3142.7	3142.7	3171.5	3201.1	3191.5
13°	2758.4	2785.4	2766.2	2772.3	2810.7
14°	2310.4	2331.3	2357.5	2381.9	2362.7
15°	1865.1	1909.5	1943.5	1962.7	1944.4
17.5°	1068.5	1083.3	1112.1	1115.6	1104.2
20°	610.9	629.2	651.9	644.9	623.1
22.5°	384.3	389.6	412.2	400.9	395.7
25°	244.0	257.1	271.0	259.7	251.0
27.5°	151.6	160.4	175.2	163.0	153.4
30°	91.5	99.4	115.0	98.5	92.4
32.5°	47.9	59.3	72.3	60.1	47.9
35°	22.7	32.2	44.4	32.2	23.5
37.5°	13.9	17.4	27.0	17.4	13.9
40°	7.8	11.3	16.6	11.3	7.8
42.5°	3.5	6.1	7.8	6.1	4.4
45°	0.9	2.6	4.4	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)