

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: P1306094

Luminaire Tested: P3SQASS17R359024DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1306094
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQASS17R359024DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

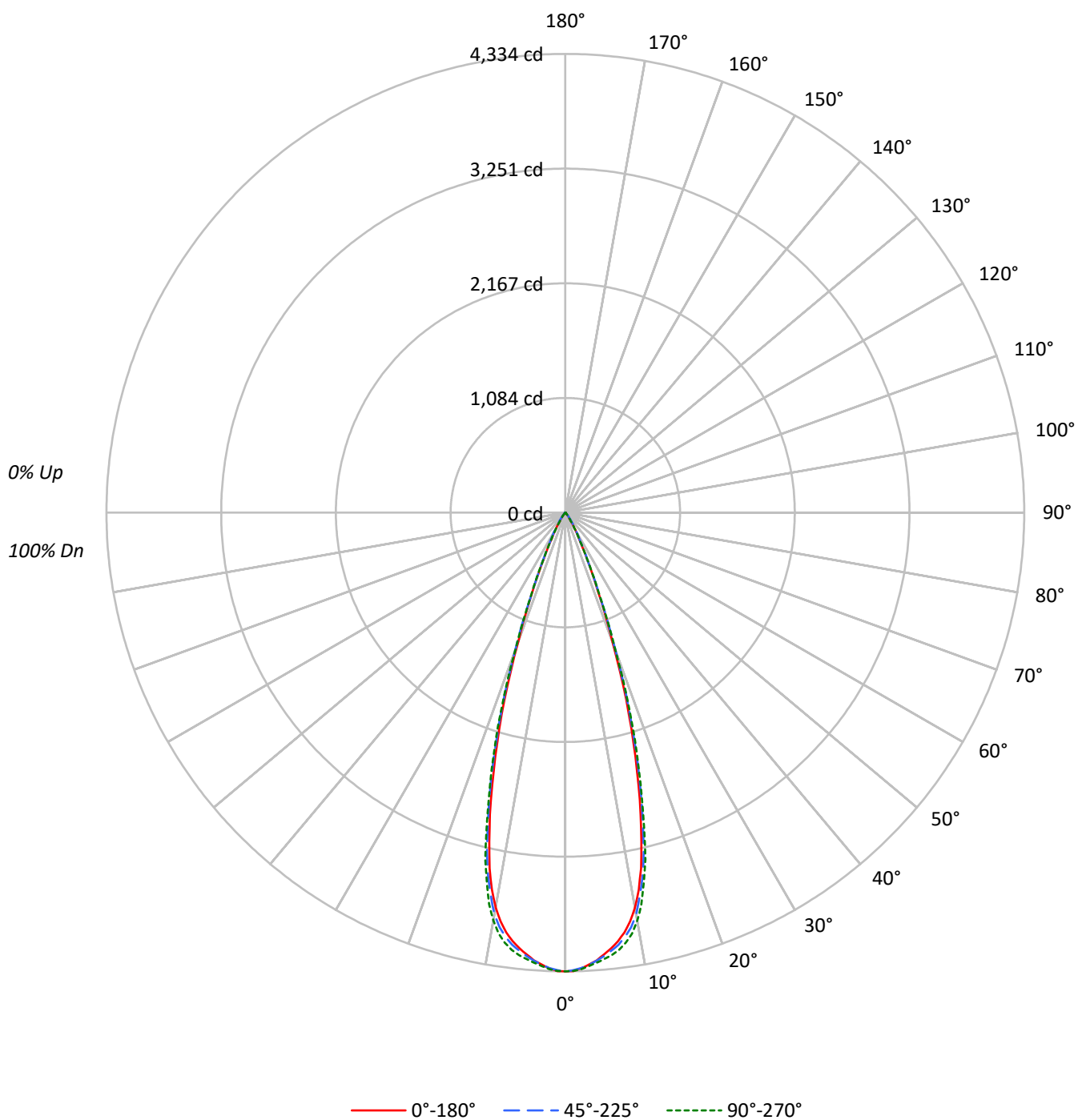
Lumens per Lamp: N/A
Luminaire Lumens: 1456.0 lumens
Efficiency: N/A
Efficacy: 68.7 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	109	112	110	109	107	106	105	104		103	102	101		99
2	111	107	104	101	109	105	103	100	102	100	98		99	98	96		97
3	107	102	98	95	105	101	97	95	98	96	93		96	94	92		94
4	103	98	94	91	102	97	93	90	95	92	89		93	90	88		91
5	100	94	90	86	99	93	89	86	91	88	85		90	87	85		89
6	97	90	86	83	96	90	86	83	88	85	82		87	84	82		86
7	94	87	83	80	93	87	82	79	85	82	79		84	81	79		83
8	91	84	80	77	90	84	79	77	83	79	76		82	78	76		81
9	88	81	77	74	88	81	77	74	80	76	74		79	76	74		79
10	86	79	75	72	85	78	74	72	78	74	71		77	74	71		76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	746499	746499	746499
5°	724404	726963	731872
10°	662653	674178	684496
15°	475663	493083	498147
20°	239266	253213	253837
25°	90681	93493	93911
30°	36830	42259	36154
35°	13372	20310	12909
40°	5621	8678	5373
45°	1388	3605	1388
50°	911	1527	911
55°	1021	1021	1021
60°	1171	1171	1171
65°	937	937	937
70°	554	554	554
75°	732	732	732
80°	1091	1091	1091
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 3605 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	391.9	26.9
10°-20°	730.1	50.1
20°-30°	262.6	18.0
30°-40°	55.2	3.8
40°-50°	9.5	0.7
50°-60°	3.1	0.2
60°-70°	2.3	0.2
70°-80°	1.2	0.1
80°-90°	0.2	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°	1384.6	95.1
0°-40°	1439.8	98.9
0°-60°	1452.4	99.8
0°-90°	1456.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1456.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4334	4334	4334	4334	4334	
5°	4190	4198	4205	4233	4233	388
15°	2668	2714	2766	2795	2794	710
25°	477	484	492	496	494	254
35°	64	75	97	74	61	48
45°	6	9	15	9	6	7
55°	3	3	3	3	3	3
65°	2	2	2	2	2	2
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°	4334.5	4334.5	4334.5	4334.5	4334.5
1°	4332.3	4332.3	4323.2	4333.4	4330.0
2°	4308.4	4310.7	4305.0	4317.5	4316.4
3°	4275.4	4281.1	4276.6	4294.8	4289.1
4°	4240.2	4244.8	4242.5	4265.2	4263.0
5°	4190.2	4198.2	4205.0	4233.4	4233.4
6°	4139.1	4147.1	4161.8	4192.5	4202.7
7°	4080.0	4090.3	4114.1	4155.0	4161.8
8°	4005.0	4016.4	4049.3	4093.7	4102.8
9°	3911.9	3928.9	3966.4	4019.8	4025.5
10°	3789.2	3802.8	3855.1	3899.4	3914.1
11°	3630.1	3641.5	3688.0	3759.6	3768.7
12°	3436.9	3450.6	3510.8	3557.4	3566.5
13°	3192.7	3218.8	3291.5	3337.0	3362.0
14°	2941.6	2976.8	3029.1	3093.8	3077.9
15°	2667.8	2714.3	2765.5	2795.0	2793.9
17.5°	1996.3	2023.5	2069.0	2086.0	2108.8
20°	1305.5	1340.7	1381.6	1397.5	1385.0
22.5°	810.1	819.2	831.7	838.5	836.2
25°	477.2	484.0	492.0	496.5	494.2
27.5°	287.5	303.4	314.7	301.1	293.1
30°	185.2	192.0	212.5	194.3	181.8
32.5°	110.2	126.1	143.2	121.6	105.7
35°	63.6	75.0	96.6	73.9	61.4
37.5°	40.9	46.6	62.5	45.4	39.8
40°	25.0	31.8	38.6	29.5	23.9
42.5°	12.5	19.3	22.7	17.0	12.5
45°	5.7	9.1	14.8	9.1	5.7
47.5°	3.4	4.5	9.1	4.5	3.4
50°	3.4	3.4	5.7	3.4	3.4
52.5°	3.4	3.4	3.4	3.4	3.4
55°	3.4	3.4	3.4	3.4	3.4
57.5°	3.4	3.4	3.4	3.4	3.4
60°	3.4	3.4	3.4	3.4	3.4
62.5°	2.3	2.3	2.3	2.3	2.3
65°	2.3	2.3	2.3	2.3	2.3
67.5°	2.3	2.3	2.3	2.3	2.3
70°	1.1	1.1	1.1	1.1	1.1
72.5°	1.1	1.1	1.1	1.1	1.1
75°	1.1	1.1	1.1	1.1	1.1
77.5°	1.1	1.1	1.1	1.1	1.1
80°	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	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)