

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: P1317936

Luminaire Tested: P3SQAS09R709835DE010 E3SQCLDWW1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317936
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS09R709835DE010 E3SQCLDWW1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 98CRI , E3SQCLDWW1MW TRI
Light Source: -
Ballast/Driver: -

Summary

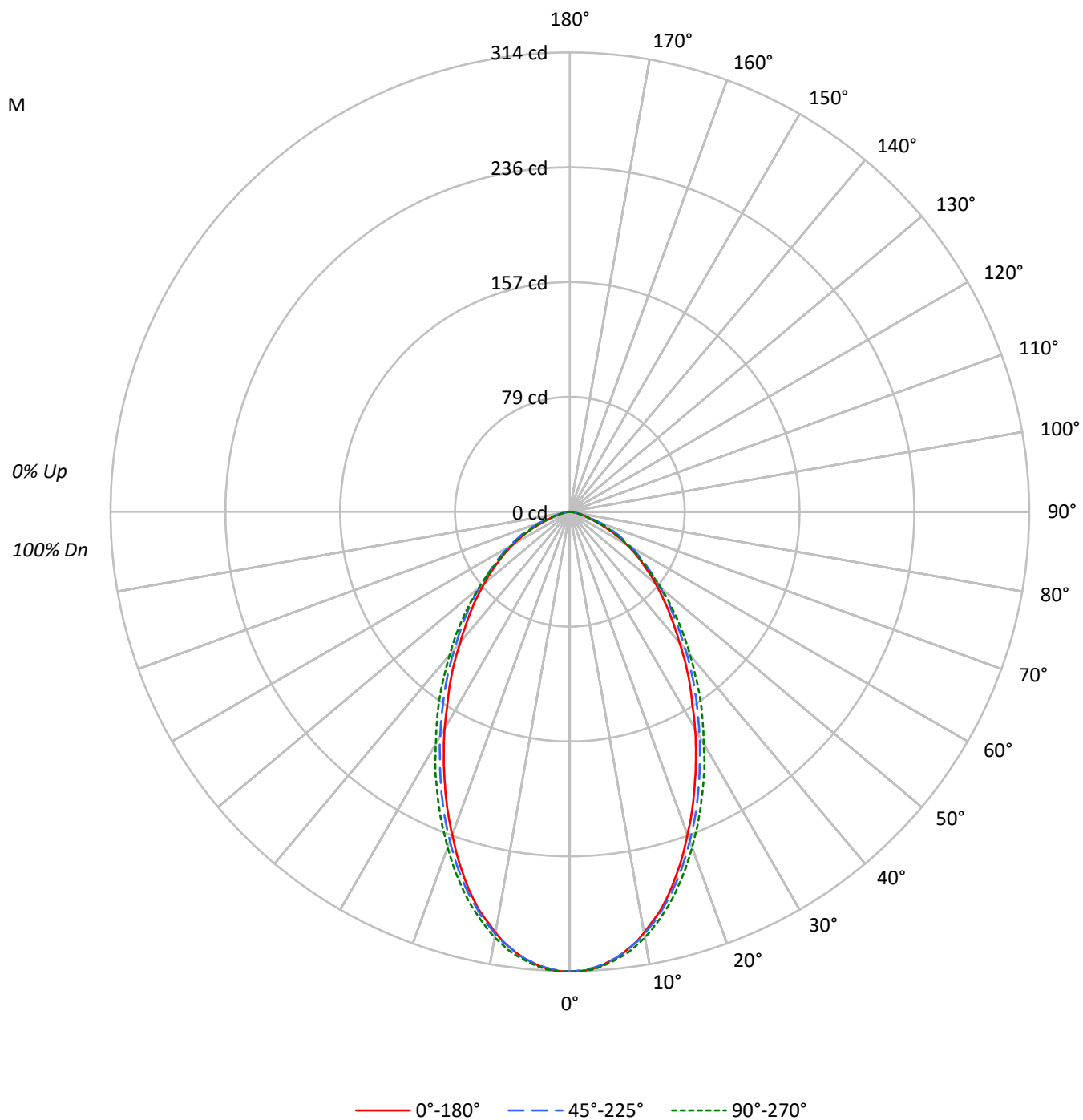
Lumens per Lamp: N/A
Luminaire Lumens: 472.0 lumens
Efficiency: N/A
Efficacy: 42.9 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	111	107	104	101	109	105	102	99	101	98	96		97	95	93		94
2	103	96	91	86	101	95	89	85	91	87	83		88	84	81		85
3	95	87	80	75	93	85	79	74	82	77	73		80	75	71		77
4	89	78	71	65	87	77	70	65	75	69	64		73	67	63		71
5	83	71	64	58	81	70	63	58	68	62	57		67	61	57		65
6	77	65	58	52	75	64	57	52	63	56	51		61	55	51		60
7	72	60	52	47	70	59	52	47	58	51	47		57	51	46		55
8	68	56	48	43	66	55	48	43	54	47	42		53	47	42		51
9	64	52	44	39	62	51	44	39	50	44	39		49	43	39		48
10	60	48	41	36	59	48	41	36	47	40	36		46	40	36		45

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	54130	54130	54130
5°	53351	53351	53558
10°	51082	51275	51677
15°	47606	48016	48622
20°	43070	43913	44756
25°	38480	39564	40647
30°	34046	35279	36412
35°	29981	31305	32630
40°	26169	27585	28732
45°	23211	24453	25281
50°	20470	21542	21863
55°	17986	19007	18496
60°	15534	16706	15913
65°	12307	14426	13000
70°	8913	11179	9769
75°	6854	7187	6055
80°	4562	4562	3372
85°	2174	2174	2174

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 25281 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.0	6.1
10°-20°	75.2	15.9
20°-30°	95.6	20.3
30°-40°	93.0	19.7
40°-50°	77.3	16.4
50°-60°	55.8	11.8
60°-70°	32.8	7.0
70°-80°	11.6	2.5
80°-90°	1.7	0.4
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°	199.8	42.3
0°-40°	292.8	62.0
0°-60°	425.9	90.2
0°-90°	472.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	472.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	314	314	314	314	314	
5°	309	308	309	309	310	29
15°	267	267	269	271	273	74
25°	202	205	208	212	214	93
35°	143	144	149	153	155	89
45°	95	97	100	103	104	74
55°	60	62	63	63	62	54
65°	30	32	35	34	32	30
75°	10	11	11	10	9	11
85°	1	1	1	1	1	2
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	314.3	314.3	314.3	314.3	314.3
1°	314.3	313.8	313.8	313.8	314.3
2°	313.8	313.2	313.2	313.2	313.8
3°	312.6	312.1	312.1	312.1	313.2
4°	310.9	309.8	310.4	310.4	311.5
5°	308.6	308.1	308.6	308.6	309.8
6°	306.4	305.8	306.4	306.4	307.5
7°	303.5	302.9	303.5	304.1	305.2
8°	300.1	299.5	300.1	300.7	302.4
9°	296.7	296.1	297.2	297.8	298.9
10°	292.1	292.1	293.2	293.8	295.5
11°	287.5	287.5	288.7	289.8	291.5
12°	283.0	283.0	284.7	285.8	287.0
13°	278.4	277.8	279.5	280.7	282.4
14°	272.7	272.1	274.4	276.1	277.8
15°	267.0	267.0	269.3	271.0	272.7
17.5°	251.6	252.2	255.0	257.3	259.0
20°	235.0	236.8	239.6	242.5	244.2
22.5°	219.1	220.2	224.2	227.6	229.3
25°	202.5	204.8	208.2	212.2	213.9
27.5°	186.6	188.8	192.3	196.3	199.1
30°	171.2	172.9	177.4	181.4	183.1
32.5°	155.7	158.0	162.6	166.6	168.9
35°	142.6	144.3	148.9	152.9	155.2
37.5°	129.5	131.2	135.8	139.2	140.9
40°	116.4	119.2	122.7	126.1	127.8
42.5°	105.5	107.8	111.2	114.1	115.8
45°	95.3	97.0	100.4	102.7	103.8
47.5°	85.6	87.3	90.7	91.9	92.4
50°	76.4	78.2	80.4	81.0	81.6
52.5°	67.9	69.0	71.3	71.3	70.7
55°	59.9	61.6	63.3	62.8	61.6
57.5°	52.5	53.1	55.9	54.8	53.6
60°	45.1	46.2	48.5	47.4	46.2
62.5°	37.7	38.8	41.6	40.5	38.8
65°	30.2	32.5	35.4	33.7	31.9
67.5°	22.8	25.7	28.5	26.8	25.7
70°	17.7	20.0	22.2	20.5	19.4
72.5°	13.7	14.8	16.0	14.8	13.7
75°	10.3	10.8	10.8	9.7	9.1
77.5°	7.4	8.0	6.8	5.7	5.7
80°	4.6	5.1	4.6	3.4	3.4
82.5°	2.3	2.9	2.3	2.3	2.3
85°	1.1	1.1	1.1	1.1	1.1
87.5°	0.6	0.6	0.6	0.6	0.6



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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)