

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: P1316819

Luminaire Tested: P3SQAS05R259830DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316819
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R259830DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

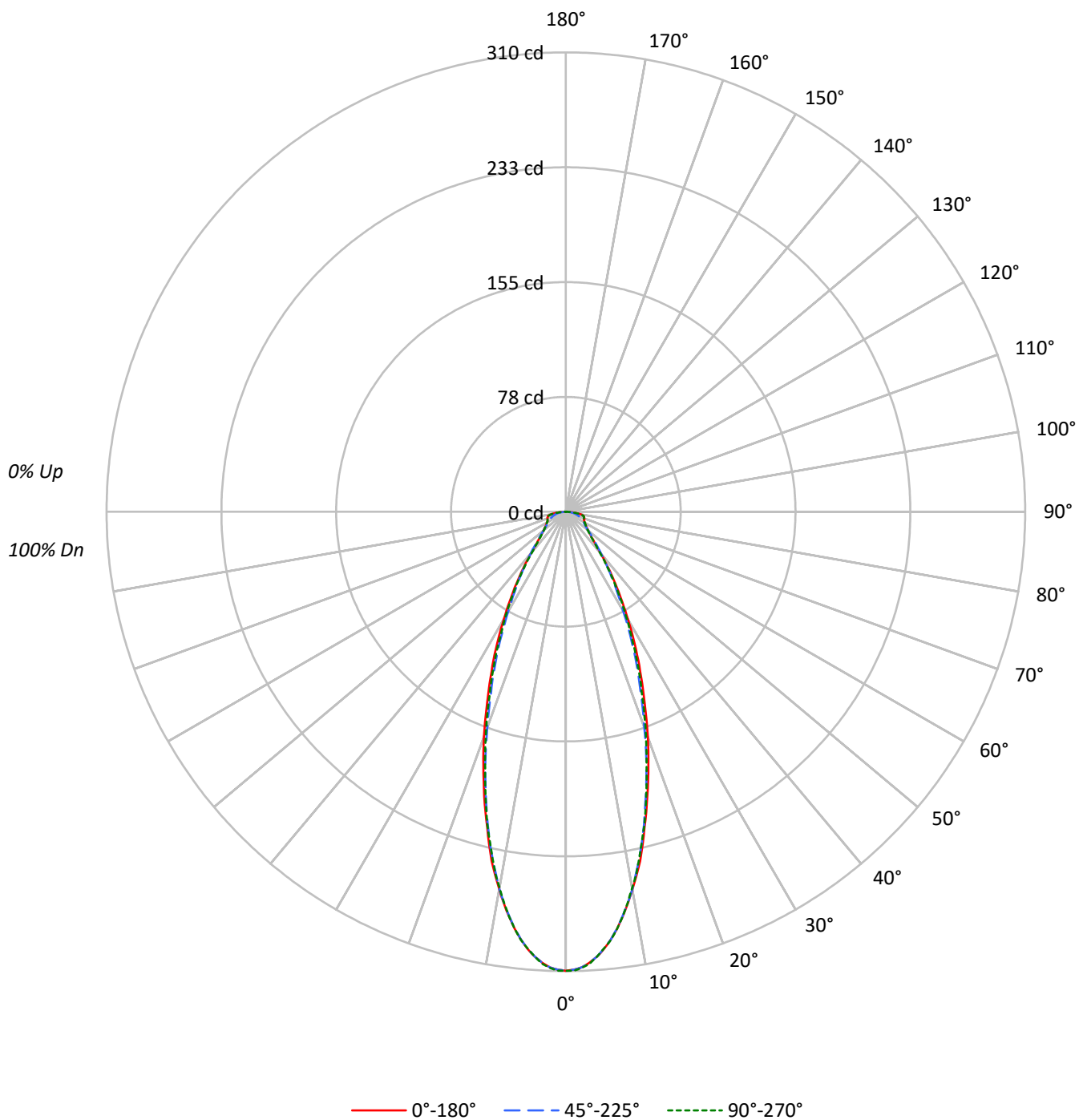
Lumens per Lamp: N/A
Luminaire Lumens: 234.0 lumens
Efficiency: N/A
Efficacy: 32.5 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	111	107	104	101	109	105	102	99	101	99	96		97	95	93		94
2	104	98	92	88	102	96	91	87	93	89	85		89	86	83		87
3	98	90	83	78	95	88	82	78	85	80	76		83	79	75		80
4	92	83	76	71	90	81	75	70	79	74	69		77	72	69		75
5	87	77	70	65	85	76	69	64	74	68	64		72	67	63		70
6	82	72	65	60	80	71	64	59	69	63	59		68	62	59		66
7	78	67	60	55	76	66	60	55	65	59	55		64	58	55		62
8	74	63	56	52	72	62	56	52	61	55	51		60	55	51		59
9	70	60	53	49	69	59	53	48	58	52	48		57	52	48		56
10	67	56	50	46	66	56	50	46	55	49	46		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	53355	53355	53355
5°	51207	51138	51138
10°	45259	45189	45066
15°	37371	36854	37050
20°	29617	28389	28866
25°	22556	21359	21929
30°	16625	15432	16108
35°	11900	11353	11500
40°	8139	8318	7891
45°	6040	6406	5943
50°	5251	5251	5144
55°	4984	4774	4984
60°	5098	4719	5098
65°	5583	4809	5583
70°	6697	4834	6496
75°	8384	5190	8384
80°	10612	5455	9918
85°	8695	5138	8695

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 10612 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.0	11.6
10°-20°	57.5	24.6
20°-30°	52.6	22.5
30°-40°	34.7	14.8
40°-50°	20.2	8.6
50°-60°	14.8	6.3
60°-70°	12.5	5.4
70°-80°	10.4	4.4
80°-90°	4.3	1.8
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°	137.1	58.6
0°-40°	171.9	73.4
0°-60°	206.8	88.4
0°-90°	234.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	234.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	310	310	310	310	310	
5°	296	296	296	296	296	27
15°	210	209	207	207	208	58
25°	119	115	112	113	115	55
35°	57	56	54	54	55	36
45°	25	26	26	25	24	20
55°	17	17	16	16	17	15
65°	14	13	12	13	14	14
75°	13	10	8	10	13	13
85°	4	5	3	5	4	5
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	309.8	309.8	309.8	309.8	309.8
1°	309.1	309.1	309.1	309.1	309.8
2°	307.6	307.2	307.6	307.6	308.0
3°	304.7	304.7	304.7	304.7	305.4
4°	301.0	301.0	301.0	301.0	301.0
5°	296.2	295.8	295.8	296.2	295.8
6°	290.2	290.2	290.2	290.2	290.6
7°	283.6	283.2	283.2	282.8	283.6
8°	275.8	275.8	275.4	275.1	275.8
9°	267.7	268.1	267.3	266.9	266.9
10°	258.8	258.4	258.4	258.4	257.7
11°	249.9	248.8	248.5	248.5	249.2
12°	241.1	239.2	238.5	238.5	238.5
13°	230.3	229.6	228.5	227.8	228.1
14°	219.6	219.6	217.8	217.8	218.5
15°	209.6	208.9	206.7	207.4	207.8
17.5°	184.9	183.4	180.8	180.8	181.2
20°	161.6	159.0	154.9	156.8	157.5
22.5°	138.6	136.1	132.0	133.8	134.6
25°	118.7	115.4	112.4	112.8	115.4
27.5°	100.6	96.9	93.9	95.0	96.5
30°	83.6	81.3	77.6	79.5	81.0
32.5°	69.1	67.3	64.7	65.8	67.3
35°	56.6	55.5	54.0	54.0	54.7
37.5°	45.8	45.5	44.7	44.4	44.0
40°	36.2	37.0	37.0	36.2	35.1
42.5°	29.6	30.3	31.1	29.6	28.5
45°	24.8	25.5	26.3	24.8	24.4
47.5°	21.8	22.2	22.6	21.8	21.4
50°	19.6	19.6	19.6	19.2	19.2
52.5°	18.1	17.7	17.4	17.7	17.7
55°	16.6	16.6	15.9	16.3	16.6
57.5°	15.5	15.2	14.8	15.2	15.5
60°	14.8	14.0	13.7	14.0	14.8
62.5°	14.0	13.3	12.6	13.3	14.0
65°	13.7	12.6	11.8	12.6	13.7
67.5°	13.3	11.8	10.7	11.8	13.3
70°	13.3	11.1	9.6	11.1	12.9
72.5°	12.9	10.4	8.9	10.4	12.9
75°	12.6	9.6	7.8	9.6	12.6
77.5°	12.2	8.9	6.7	8.9	11.8
80°	10.7	8.1	5.5	8.1	10.0
82.5°	7.8	6.7	4.4	6.7	7.4
85°	4.4	4.8	2.6	4.8	4.4
87.5°	0.7	1.1	0.7	1.8	1.5



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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)