

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: P1315057

Luminaire Tested: P3SQAS05R359740DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315057
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R359740DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

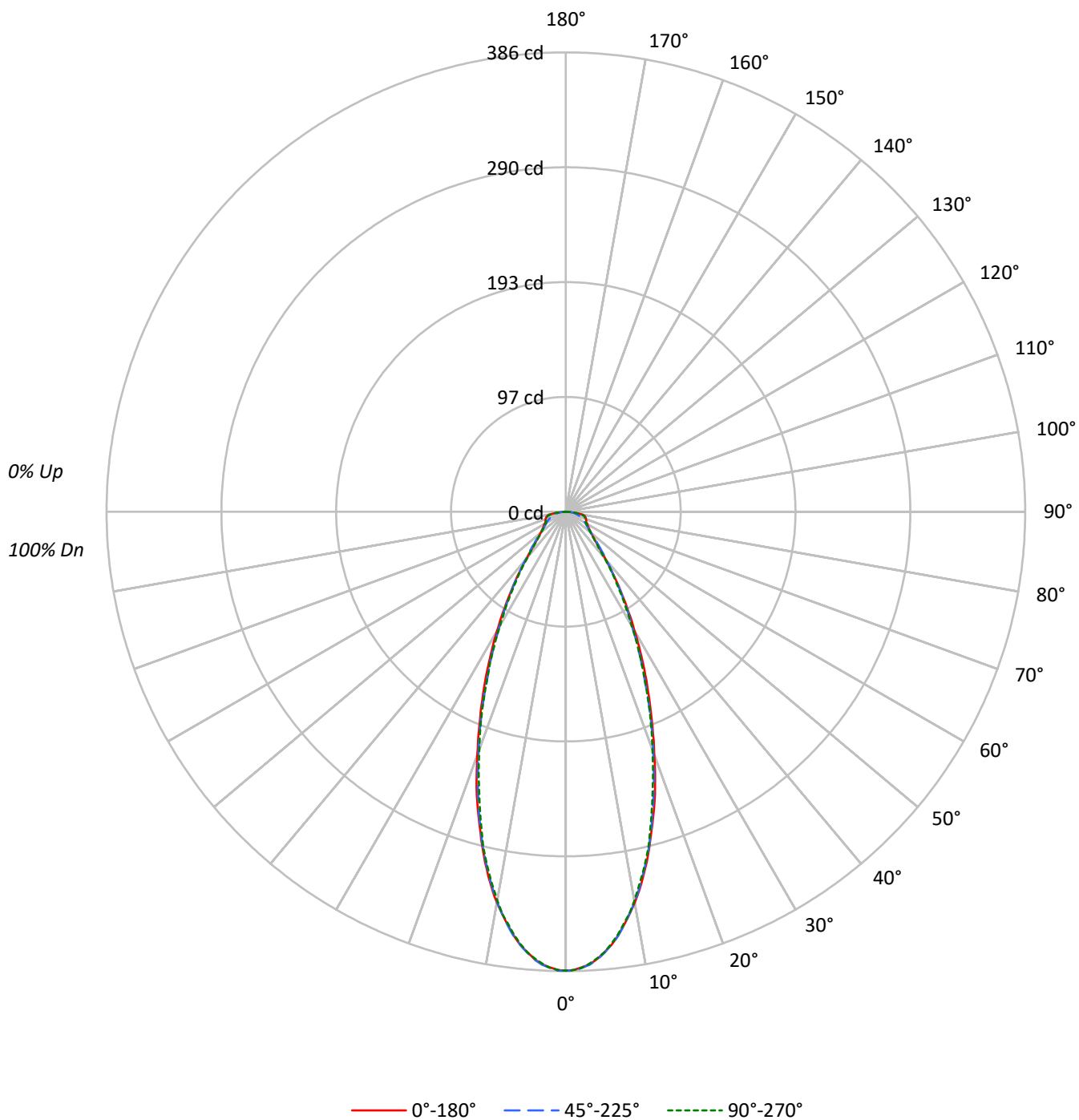
Lumens per Lamp: N/A
Luminaire Lumens: 319.0 lumens
Efficiency: N/A
Efficacy: 44.3 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	101	96	91	87	92	88	85		89	86	83		86
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	69	64	73	68	63		72	67	63		70
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	60	55	76	66	59	54	64	58	54		63	58	54		62
8	73	62	56	51	72	62	55	51	61	55	51		60	54	50		59
9	70	59	52	48	68	58	52	48	57	52	47		56	51	47		55
10	66	56	49	45	65	55	49	45	54	49	45		53	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	66409	66409	66409
5°	64225	64312	64225
10°	58340	58252	58008
15°	49531	49353	48925
20°	39862	39331	38983
25°	30822	29891	29891
30°	22989	22213	22014
35°	16546	16336	15937
40°	11578	11893	11129
45°	8622	9109	8403
50°	7422	7422	7288
55°	6996	6696	6846
60°	7199	6510	6854
65°	7702	6520	7539
70°	9064	6848	8812
75°	11312	7120	10979
80°	14480	7736	12992
85°	11461	7707	11461

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 14480 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.2	10.7
10°-20°	76.4	24.0
20°-30°	73.0	22.9
30°-40°	49.0	15.4
40°-50°	28.8	9.0
50°-60°	20.6	6.5
60°-70°	17.1	5.4
70°-80°	14.0	4.4
80°-90°	5.8	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°	183.6	57.6
0°-40°	232.7	72.9
0°-60°	282.0	88.4
0°-90°	319.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	319.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	386	386	386	386	386	
5°	372	372	372	372	372	34
15°	278	278	277	275	274	77
25°	162	160	157	157	157	74
35°	79	79	78	76	76	50
45°	35	36	37	35	34	28
55°	23	23	22	22	23	21
65°	19	17	16	17	18	19
75°	17	13	11	13	16	18
85°	6	6	4	6	6	7
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	385.6	385.6	385.6	385.6	385.6
1°	385.1	385.6	385.6	385.1	385.1
2°	383.1	384.1	383.6	383.1	383.6
3°	380.7	381.7	381.2	380.7	380.2
4°	376.8	377.8	377.3	376.3	376.3
5°	371.5	372.4	372.0	371.5	371.5
6°	366.1	367.1	366.1	365.2	365.2
7°	358.9	360.3	359.3	358.4	357.9
8°	350.6	352.1	351.1	350.6	349.6
9°	342.3	343.3	341.9	341.9	341.9
10°	333.6	334.1	333.1	331.7	331.7
11°	323.9	323.4	322.9	321.9	321.0
12°	313.2	313.2	311.7	310.8	310.3
13°	302.0	301.6	300.6	299.6	299.6
14°	290.4	290.4	289.4	287.5	288.0
15°	277.8	278.2	276.8	274.8	274.4
17.5°	249.1	248.1	245.7	244.3	242.8
20°	217.5	217.1	214.6	213.2	212.7
22.5°	188.4	187.9	185.5	184.0	185.0
25°	162.2	160.2	157.3	157.3	157.3
27.5°	137.9	135.5	133.5	132.6	133.5
30°	115.6	113.6	111.7	111.2	110.7
32.5°	95.7	94.7	93.7	92.3	92.3
35°	78.7	78.7	77.7	76.2	75.8
37.5°	64.1	64.6	64.1	62.6	62.2
40°	51.5	52.4	52.9	51.5	49.5
42.5°	42.2	43.7	44.7	42.2	40.8
45°	35.4	36.4	37.4	35.4	34.5
47.5°	31.1	31.6	32.0	30.6	30.1
50°	27.7	27.7	27.7	27.2	27.2
52.5°	25.3	25.3	24.8	24.3	24.3
55°	23.3	22.8	22.3	22.3	22.8
57.5°	21.9	21.4	20.4	20.9	21.4
60°	20.9	19.9	18.9	19.4	19.9
62.5°	19.4	18.5	17.5	18.0	18.9
65°	18.9	17.0	16.0	17.0	18.5
67.5°	18.5	16.0	14.6	16.0	18.0
70°	18.0	15.1	13.6	15.1	17.5
72.5°	17.5	14.1	12.1	14.1	17.0
75°	17.0	13.1	10.7	13.1	16.5
77.5°	16.0	12.1	9.2	12.1	15.1
80°	14.6	11.2	7.8	10.7	13.1
82.5°	10.7	9.2	6.3	9.2	9.7
85°	5.8	6.3	3.9	6.3	5.8
87.5°	0.5	1.0	1.0	2.9	1.9



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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)