

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: P1314551

Luminaire Tested: P3SQAS17R359735DE010 E3SQPH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314551
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R359735DE010 E3SQPH1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , E3SQPH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

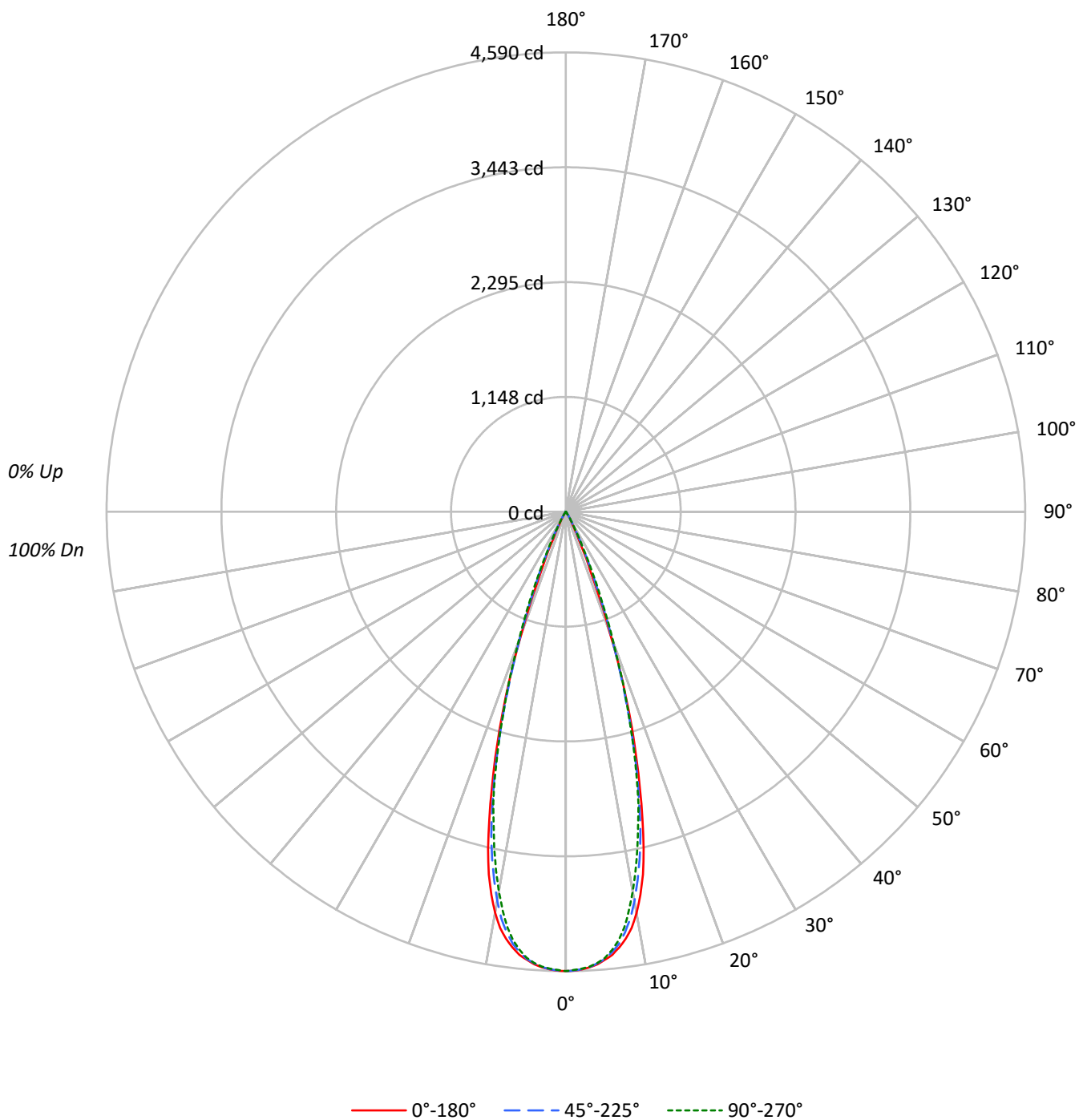
Lumens per Lamp: N/A
Luminaire Lumens: 1393.0 lumens
Efficiency: N/A
Efficacy: 65.7 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	113	111	109	108	107	106	104		103	102	101		100
2	111	108	105	102	109	106	103	101	103	101	99		100	98	97		97
3	108	103	100	97	106	102	99	96	99	97	94		97	95	93		95
4	104	99	95	92	103	98	94	92	96	93	91		94	92	90		93
5	101	95	91	88	100	95	91	88	93	90	87		92	89	87		90
6	98	92	88	85	97	91	88	85	90	87	84		89	86	84		88
7	96	89	85	82	94	89	85	82	87	84	81		86	83	81		85
8	93	86	82	79	92	86	82	79	85	81	79		84	81	79		83
9	90	84	80	77	89	83	79	77	82	79	76		82	79	76		81
10	88	81	77	75	87	81	77	74	80	77	74		80	76	74		79

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	790416	790416	790416
5°	776839	775179	773519
10°	711952	690546	673758
15°	509807	493547	487556
20°	236389	244526	253103
25°	56096	79792	83213
30°	16466	18852	21239
35°	3784	6055	5550
40°	809	1619	1079
45°	292	292	292
50°	322	0	322
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: 0°

Vertical Angle: 52.5°

Luminance: 339 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	412.0	29.6
10°-20°	736.6	52.9
20°-30°	221.6	15.9
30°-40°	21.2	1.5
40°-50°	1.4	0.1
50°-60°	0.1	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°	1370.3	98.4
0°-40°	1391.5	99.9
0°-60°	1393.0	100.0
0°-90°	1393.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1393.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4590	4590	4590	4590	4590	
5°	4494	4492	4484	4478	4474	417
15°	2859	2838	2768	2756	2734	755
25°	295	325	420	438	438	190
35°	18	24	29	31	26	17
45°	1	1	1	1	1	1
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	0

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4589.5	4589.5	4589.5	4589.5	4589.5
1°	4587.1	4587.1	4584.7	4584.7	4579.9
2°	4576.3	4577.5	4572.7	4571.5	4567.9
3°	4559.5	4555.9	4555.9	4553.5	4551.1
4°	4533.1	4525.9	4523.5	4524.7	4519.9
5°	4493.5	4492.3	4483.9	4477.9	4474.3
6°	4450.3	4441.9	4423.9	4408.3	4404.7
7°	4385.5	4367.5	4351.9	4319.5	4314.7
8°	4306.3	4277.5	4243.9	4198.3	4195.9
9°	4209.1	4162.3	4115.5	4054.3	4032.7
10°	4071.1	4027.9	3948.7	3894.7	3852.7
11°	3899.5	3845.5	3753.2	3688.4	3653.6
12°	3705.2	3654.8	3546.8	3488.0	3438.8
13°	3455.6	3413.6	3312.8	3248.0	3209.6
14°	3166.4	3135.2	3039.2	3010.4	2997.2
15°	2859.3	2837.7	2768.1	2756.1	2734.5
17.5°	2104.5	2068.6	2029.0	2036.2	2043.4
20°	1289.8	1340.2	1334.2	1360.6	1381.0
22.5°	643.1	707.9	783.5	829.1	851.9
25°	295.2	325.2	419.9	437.9	437.9
27.5°	148.8	156.0	198.0	201.6	211.2
30°	82.8	88.8	94.8	105.6	106.8
32.5°	42.0	49.2	51.6	57.6	55.2
35°	18.0	24.0	28.8	31.2	26.4
37.5°	8.4	10.8	15.6	14.4	10.8
40°	3.6	4.8	7.2	6.0	4.8
42.5°	2.4	2.4	3.6	2.4	2.4
45°	1.2	1.2	1.2	1.2	1.2
47.5°	1.2	1.2	0.0	1.2	1.2
50°	1.2	0.0	0.0	0.0	1.2
52.5°	1.2	0.0	0.0	0.0	1.2
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)