

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: P1317285

Luminaire Tested: P3SQAS17R359830DE010 E3SQPH1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317285
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: P3SQAS17R359830DE010 E3SQPH1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3SQPH1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

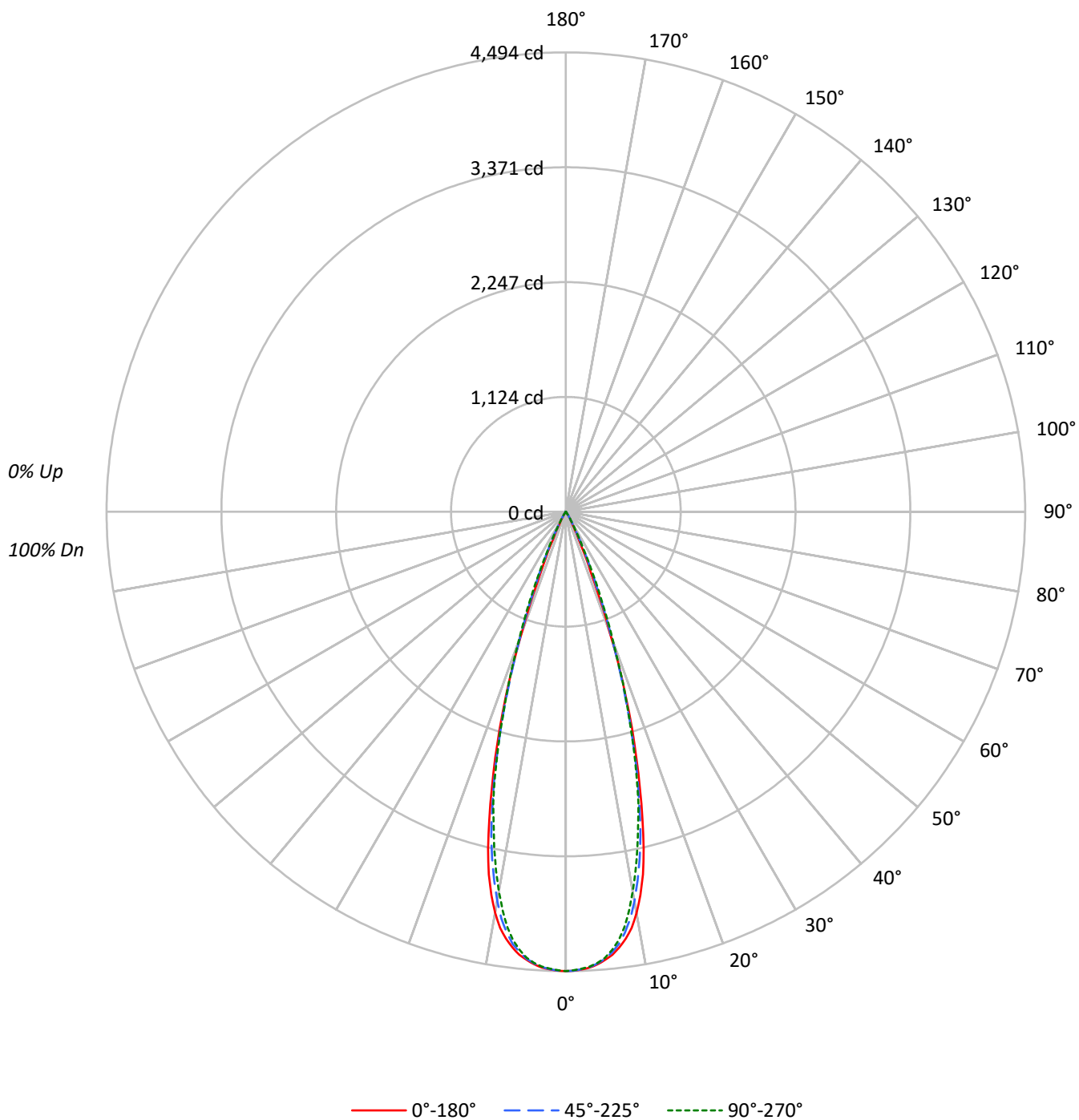
Lumens per Lamp: N/A
Luminaire Lumens: 1364.0 lumens
Efficiency: N/A
Efficacy: 66.9 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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°	773951	773951	773951
5°	760657	759032	757407
10°	697139	676171	659733
15°	499181	483259	477393
20°	231477	239449	247843
25°	54918	78139	81483
30°	16128	18455	20801
35°	3700	5929	5424
40°	787	1574	1057
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°	403.5	29.6
10°-20°	721.3	52.9
20°-30°	217.0	15.9
30°-40°	20.8	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°	1341.7	98.4
0°-40°	1362.5	99.9
0°-60°	1364.0	100.0
0°-90°	1364.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1364.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4494	4494	4494	4494	4494	
5°	4400	4399	4390	4385	4381	408
15°	2800	2779	2710	2699	2678	739
25°	289	318	411	429	429	186
35°	18	24	28	30	26	16
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4493.9	4493.9	4493.9	4493.9	4493.9
1°	4491.6	4491.6	4489.2	4489.2	4484.5
2°	4481.0	4482.2	4477.5	4476.3	4472.8
3°	4464.5	4461.0	4461.0	4458.7	4456.3
4°	4438.7	4431.6	4429.3	4430.5	4425.8
5°	4399.9	4398.7	4390.5	4384.6	4381.1
6°	4357.6	4349.4	4331.8	4316.5	4313.0
7°	4294.2	4276.6	4261.3	4229.6	4224.9
8°	4216.6	4188.4	4155.5	4110.9	4108.5
9°	4121.5	4075.7	4029.8	3969.9	3948.8
10°	3986.4	3944.1	3866.5	3813.7	3772.5
11°	3818.4	3765.5	3675.0	3611.6	3577.5
12°	3628.0	3578.7	3472.9	3415.4	3367.2
13°	3383.6	3342.5	3243.8	3180.4	3142.8
14°	3100.5	3070.0	2976.0	2947.8	2934.8
15°	2799.7	2778.6	2710.4	2698.7	2677.5
17.5°	2060.7	2025.5	1986.7	1993.8	2000.8
20°	1263.0	1312.3	1306.5	1332.3	1352.3
22.5°	629.7	693.2	767.2	811.8	834.2
25°	289.0	318.4	411.2	428.8	428.8
27.5°	145.7	152.7	193.9	197.4	206.8
30°	81.1	86.9	92.8	103.4	104.6
32.5°	41.1	48.2	50.5	56.4	54.0
35°	17.6	23.5	28.2	30.5	25.8
37.5°	8.2	10.6	15.3	14.1	10.6
40°	3.5	4.7	7.0	5.9	4.7
42.5°	2.3	2.3	3.5	2.3	2.3
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)