

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: P1315730

Luminaire Tested: P3SQAS20R609740D010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315730
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS20R609740D010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 97CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

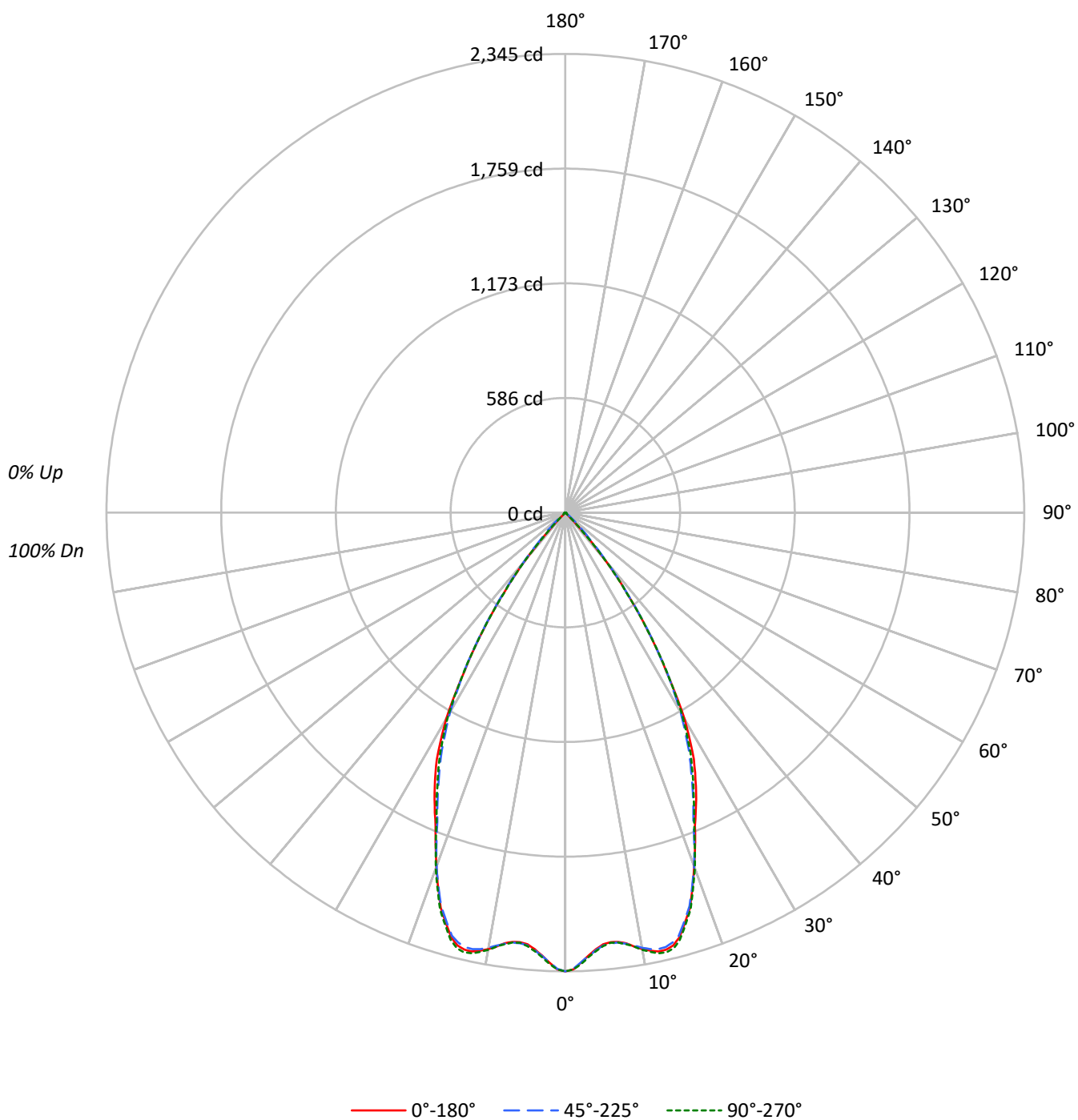
Lumens per Lamp: N/A
Luminaire Lumens: 2092.0 lumens
Efficiency: N/A
Efficacy: 72.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	114	111	108	106	111	109	107	105	105	103	101		101	100	98		98
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	84		88
4	98	90	85	81	96	89	84	80	87	83	79		85	81	79		83
5	93	85	79	75	91	84	79	75	82	77	74		80	76	73		79
6	88	80	74	70	87	79	73	69	77	73	69		76	72	68		75
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	70	65	61	69	64	60		68	64	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	403931	403931	403931
5°	382844	383968	384538
10°	396137	395000	396994
15°	400974	399209	403310
20°	353062	352769	354565
25°	300451	291748	294218
30°	242497	234025	237923
35°	153479	154845	153121
40°	71763	74708	72864
45°	4384	26304	5188
50°	2197	6136	2197
55°	2462	2462	2462
60°	2239	2239	2239
65°	1997	2649	1997
70°	2467	2467	2467
75°	2196	2196	2196
80°	1587	1587	1587
85°	3162	3162	3162

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 26304 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	213.7	10.2
10°-20°	615.7	29.4
20°-30°	709.7	33.9
30°-40°	455.7	21.8
40°-50°	79.3	3.8
50°-60°	7.6	0.4
60°-70°	5.7	0.3
70°-80°	3.5	0.2
80°-90°	1.1	0.1
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°	1539.1	73.6
0°-40°	1994.8	95.4
0°-60°	2081.7	99.5
0°-90°	2092.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2092.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2345	2345	2345	2345	2345	
5°	2214	2219	2221	2226	2224	213
15°	2249	2241	2239	2254	2262	616
25°	1581	1563	1535	1537	1548	721
35°	730	725	736	722	728	456
45°	18	54	108	64	21	60
55°	8	8	8	8	8	7
65°	5	6	6	6	5	5
75°	3	3	3	3	3	3
85°	2	2	2	2	2	1
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2345.4	2345.4	2345.4	2345.4	2345.4
1°	2335.6	2334.0	2332.3	2334.0	2335.6
2°	2302.9	2301.2	2299.6	2306.1	2309.4
3°	2266.9	2268.5	2270.1	2273.4	2275.1
4°	2237.4	2240.7	2242.3	2245.6	2247.2
5°	2214.5	2219.4	2221.0	2226.0	2224.3
6°	2207.9	2211.2	2212.9	2214.5	2211.2
7°	2211.2	2212.9	2214.5	2217.8	2214.5
8°	2222.7	2224.3	2226.0	2227.6	2227.6
9°	2245.6	2242.3	2240.7	2247.2	2245.6
10°	2265.2	2260.3	2258.7	2268.5	2270.1
11°	2281.6	2275.1	2273.4	2284.9	2288.1
12°	2293.1	2283.2	2281.6	2296.3	2302.9
13°	2293.1	2280.0	2280.0	2296.3	2306.1
14°	2280.0	2265.2	2265.2	2283.2	2294.7
15°	2248.9	2240.7	2239.0	2253.8	2262.0
17.5°	2117.9	2108.1	2109.7	2126.1	2127.7
20°	1926.4	1921.5	1924.8	1928.1	1934.6
22.5°	1731.7	1728.4	1710.4	1715.3	1718.6
25°	1581.1	1563.1	1535.3	1536.9	1548.3
27.5°	1422.3	1404.3	1365.0	1373.2	1384.7
30°	1219.4	1204.6	1176.8	1181.7	1196.4
32.5°	957.5	986.9	960.8	968.9	964.0
35°	730.0	725.1	736.5	721.8	728.3
37.5°	513.9	515.6	520.5	507.4	507.4
40°	319.2	327.3	332.3	325.7	324.1
42.5°	134.2	183.3	193.1	183.3	135.8
45°	18.0	54.0	108.0	63.8	21.3
47.5°	8.2	11.5	57.3	11.5	8.2
50°	8.2	8.2	22.9	8.2	8.2
52.5°	8.2	8.2	8.2	8.2	8.2
55°	8.2	8.2	8.2	8.2	8.2
57.5°	8.2	8.2	8.2	8.2	8.2
60°	6.5	6.5	6.5	6.5	6.5
62.5°	6.5	6.5	6.5	6.5	6.5
65°	4.9	6.5	6.5	6.5	4.9
67.5°	4.9	4.9	4.9	4.9	4.9
70°	4.9	4.9	4.9	4.9	4.9
72.5°	3.3	3.3	3.3	3.3	3.3
75°	3.3	3.3	3.3	3.3	3.3
77.5°	3.3	3.3	3.3	3.3	3.3
80°	1.6	1.6	1.6	1.6	1.6
82.5°	1.6	1.6	1.6	1.6	1.6
85°	1.6	1.6	1.6	1.6	1.6
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)