

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: P1309499

Luminaire Tested: P3SQAS20R609035D010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309499
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS20R609035D010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

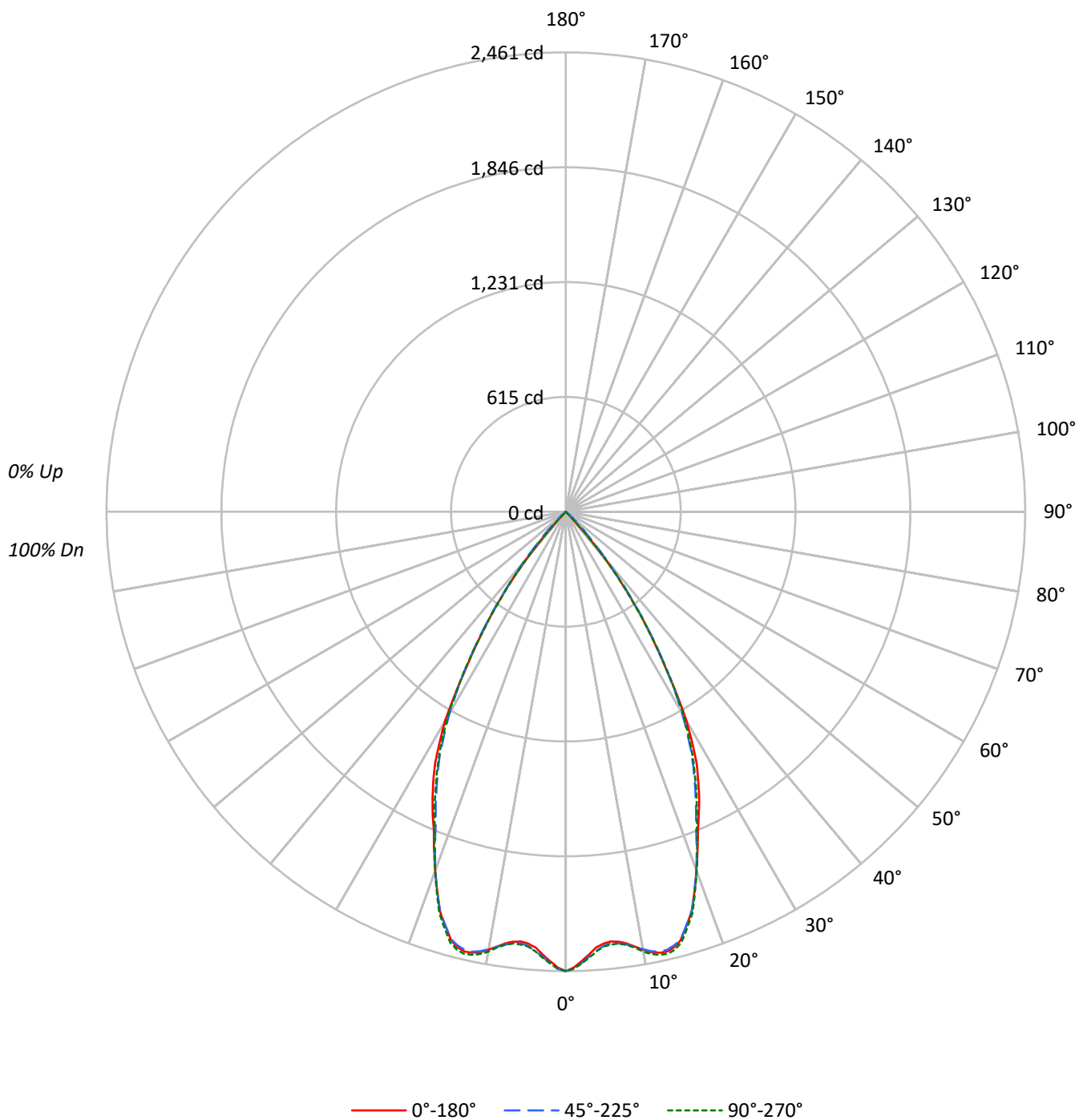
Lumens per Lamp: N/A
Luminaire Lumens: 2181.0 lumens
Efficiency: N/A
Efficacy: 75.7 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	109	107	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	97	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	88	85		88
4	98	91	86	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	76	92	84	79	75	83	78	75		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	66	62	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	423857	423857	423857
5°	401429	403520	404125
10°	416703	416091	418539
15°	423618	422994	426097
20°	374872	374872	375513
25°	321259	311682	314323
30°	256994	247647	251466
35°	159429	162730	159071
40°	69987	77024	71943
45°	852	24989	2119
50°	0	2786	0
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: 45°

Vertical Angle: 45°

Luminance: 24989 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	224.8	10.3
10°-20°	651.6	29.9
20°-30°	756.4	34.7
30°-40°	476.3	21.8
40°-50°	71.5	3.3
50°-60°	0.4	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°	1632.8	74.9
0°-40°	2109.1	96.7
0°-60°	2181.0	100.0
0°-90°	2181.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2181.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2461	2461	2461	2461	2461	
5°	2322	2331	2334	2339	2338	224
15°	2376	2367	2372	2388	2390	651
25°	1691	1672	1640	1647	1654	768
35°	758	760	774	758	757	473
45°	4	33	103	44	9	47
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°	2461.1	2461.1	2461.1	2461.1	2461.1
1°	2442.0	2448.9	2448.9	2450.7	2448.9
2°	2408.9	2419.4	2419.4	2424.6	2421.1
3°	2375.9	2384.6	2386.3	2393.3	2391.5
4°	2339.3	2353.3	2358.5	2362.0	2360.2
5°	2322.0	2330.6	2334.1	2339.3	2337.6
6°	2315.0	2322.0	2325.4	2330.6	2330.6
7°	2320.2	2325.4	2330.6	2334.1	2330.6
8°	2335.9	2341.1	2341.1	2348.0	2342.8
9°	2358.5	2360.2	2360.2	2368.9	2363.7
10°	2382.8	2379.3	2379.3	2391.5	2393.3
11°	2403.7	2400.2	2398.5	2410.7	2414.1
12°	2415.9	2408.9	2408.9	2424.6	2426.3
13°	2417.6	2408.9	2408.9	2424.6	2429.8
14°	2403.7	2393.3	2395.0	2412.4	2417.6
15°	2375.9	2367.2	2372.4	2388.0	2389.8
17.5°	2243.7	2238.5	2241.9	2252.4	2254.1
20°	2045.4	2041.9	2045.4	2045.4	2048.9
22.5°	1848.9	1840.2	1822.8	1833.2	1835.0
25°	1690.6	1671.5	1640.2	1647.1	1654.1
27.5°	1516.7	1492.3	1459.3	1468.0	1469.7
30°	1292.3	1280.1	1245.3	1254.0	1264.5
32.5°	998.4	1031.4	1010.5	1008.8	1010.5
35°	758.3	760.1	774.0	758.3	756.6
37.5°	530.5	532.2	542.7	525.3	527.0
40°	311.3	333.9	342.6	335.7	320.0
42.5°	97.4	172.2	194.8	168.7	107.8
45°	3.5	33.0	102.6	43.5	8.7
47.5°	0.0	1.7	48.7	3.5	0.0
50°	0.0	0.0	10.4	0.0	0.0
52.5°	0.0	0.0	1.7	0.0	0.0
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)