

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: P1317685

Luminaire Tested: P3SQAS05R259835DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317685
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R259835DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

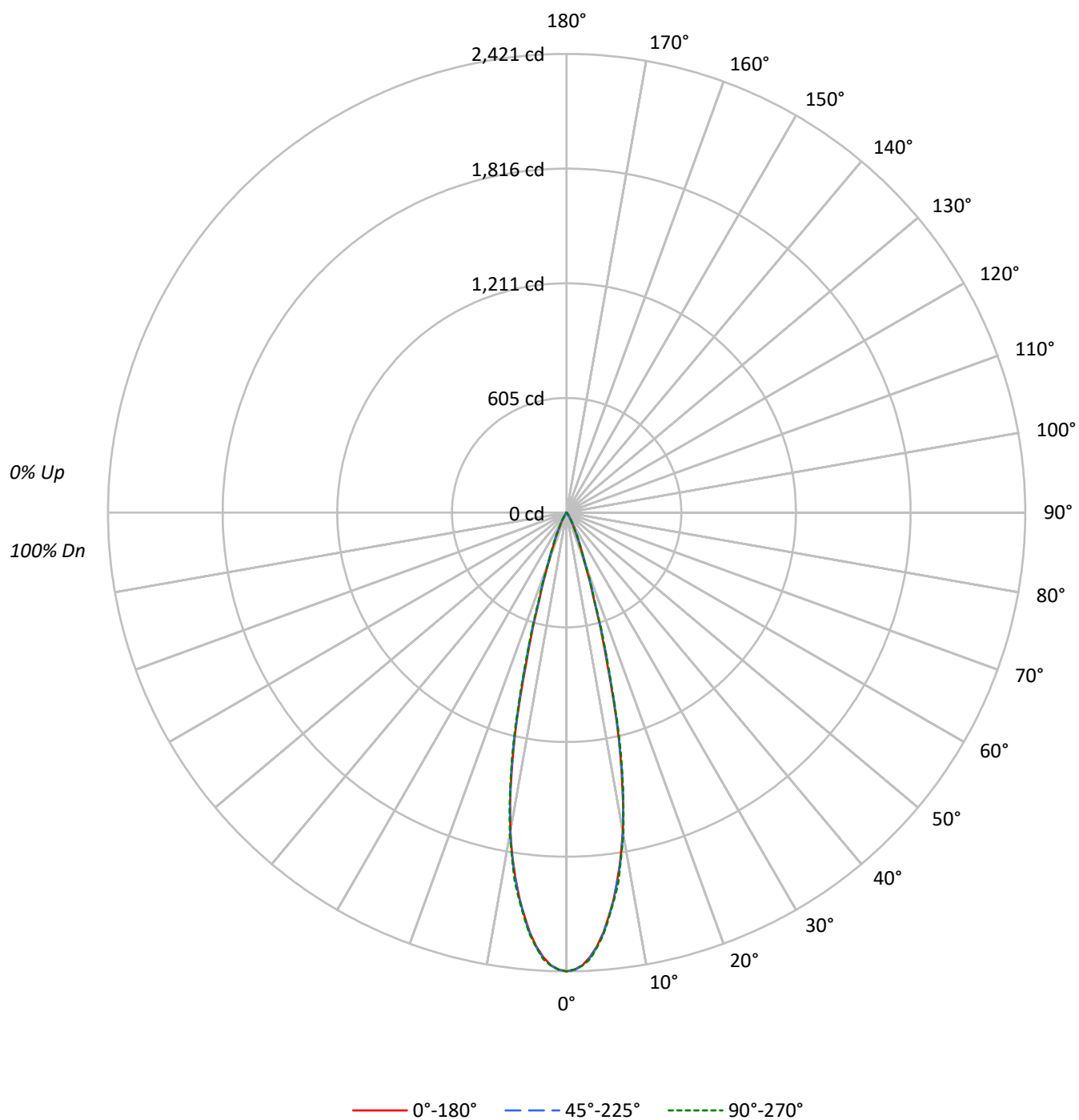
Lumens per Lamp: N/A
Luminaire Lumens: 504.0 lumens
Efficiency: N/A
Efficacy: 70.0 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	115	113	111	110	113	111	110	108	107	106	105		103	103	102		100
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90
7	97	91	87	85	96	91	87	84	90	86	84		89	86	84		88
8	95	89	85	82	94	88	85	82	87	84	82		87	84	82		86
9	93	86	83	80	92	86	82	80	85	82	80		85	82	80		84
10	91	84	81	78	90	84	80	78	83	80	78		83	80	78		82

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	417003	417003	417003
5°	384504	385368	386180
10°	298537	299621	301247
15°	147542	153746	153818
20°	49686	53003	50676
25°	20580	22860	21169
30°	8074	10142	8153
35°	2123	4142	2187
40°	787	1641	787
45°	97	463	97
50°	0	107	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: 463 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	196.2	38.9
10°-20°	237.3	47.1
20°-30°	57.9	11.5
30°-40°	11.3	2.2
40°-50°	1.3	0.3
50°-60°	0.0	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°	491.5	97.5
0°-40°	502.7	99.7
0°-60°	504.0	100.0
0°-90°	504.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	504.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2421	2421	2421	2421	2421	
5°	2224	2227	2229	2239	2234	196
15°	828	847	862	871	863	233
25°	108	114	120	115	111	55
35°	10	14	20	14	10	9
45°	0	1	2	1	0	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°	2421.3	2421.3	2421.3	2421.3	2421.3
1°	2412.0	2413.6	2414.0	2416.3	2411.6
2°	2390.0	2390.4	2391.5	2396.2	2391.9
3°	2349.4	2352.1	2352.5	2358.7	2359.8
4°	2294.1	2295.6	2298.7	2309.2	2299.9
5°	2224.1	2227.2	2229.1	2238.8	2233.8
6°	2137.5	2138.3	2142.5	2153.7	2146.8
7°	2049.3	2048.9	2049.3	2058.2	2056.3
8°	1943.0	1941.1	1947.2	1958.1	1965.4
9°	1832.0	1834.7	1838.6	1849.0	1840.5
10°	1707.1	1714.5	1713.3	1714.1	1722.6
11°	1563.3	1565.6	1566.0	1574.1	1573.0
12°	1394.3	1394.3	1407.1	1420.2	1416.0
13°	1223.8	1235.8	1227.3	1230.0	1247.0
14°	1025.0	1034.3	1045.9	1056.8	1048.2
15°	827.5	847.2	862.3	870.8	862.7
17.5°	474.1	480.6	493.4	494.9	489.9
20°	271.1	279.2	289.2	286.1	276.5
22.5°	170.5	172.8	182.9	177.9	175.5
25°	108.3	114.1	120.3	115.2	111.4
27.5°	67.3	71.1	77.7	72.3	68.1
30°	40.6	44.1	51.0	43.7	41.0
32.5°	21.3	26.3	32.1	26.7	21.3
35°	10.1	14.3	19.7	14.3	10.4
37.5°	6.2	7.7	12.0	7.7	6.2
40°	3.5	5.0	7.3	5.0	3.5
42.5°	1.5	2.7	3.5	2.7	1.9
45°	0.4	1.2	1.9	1.2	0.4
47.5°	0.0	0.0	1.2	0.4	0.0
50°	0.0	0.0	0.4	0.0	0.0
52.5°	0.0	0.0	0.0	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)