

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: P1305663

Luminaire Tested: P3SQAS05R609024DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305663
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: P3SQAS05R609024DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

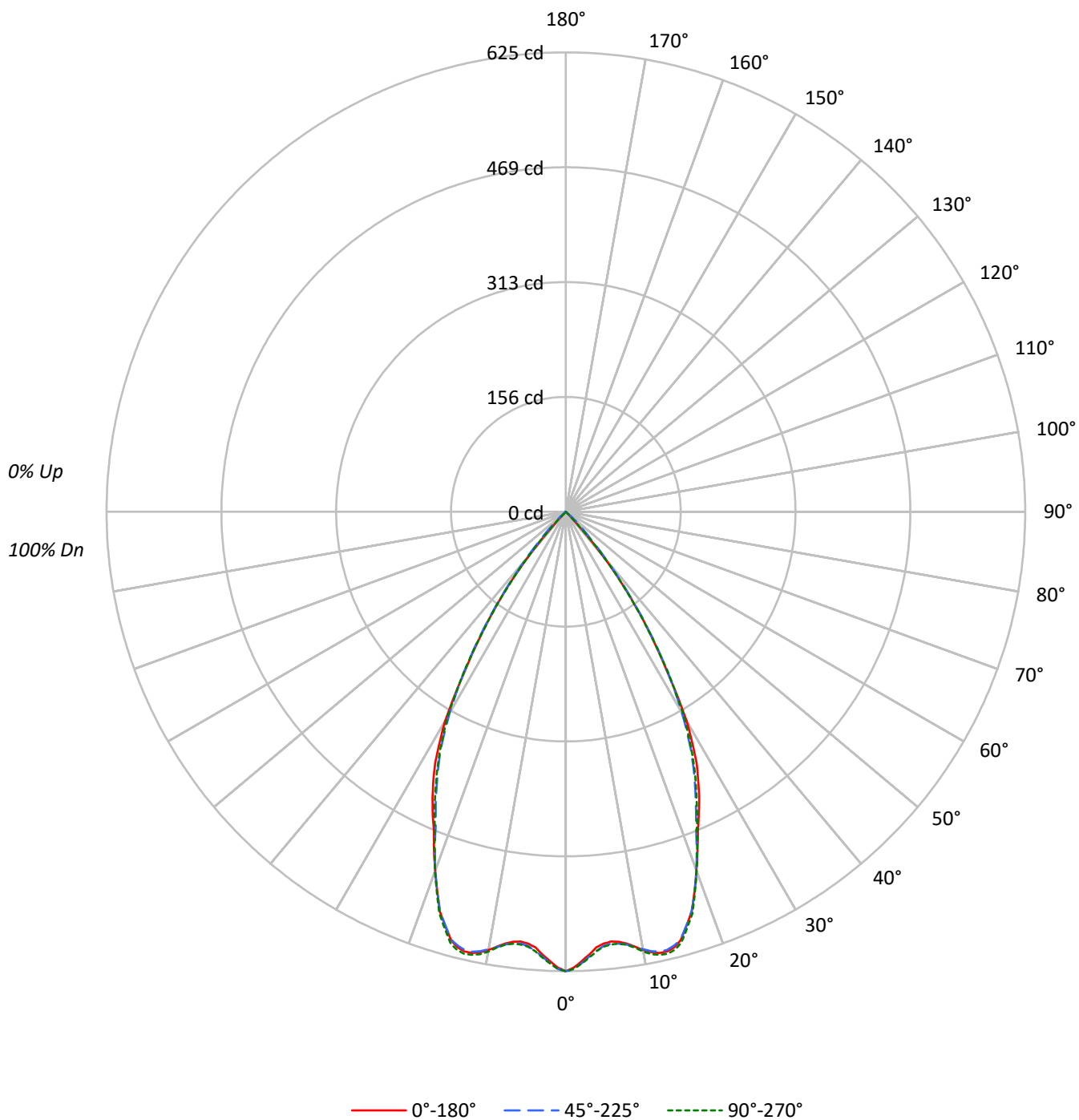
Lumens per Lamp: N/A
Luminaire Lumens: 554.0 lumens
Efficiency: N/A
Efficacy: 76.9 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	107656	107656	107656
5°	101965	102501	102656
10°	105855	105697	106309
15°	107603	107442	108227
20°	95230	95230	95377
25°	81597	79165	79849
30°	65288	62901	63876
35°	40493	41334	40409
40°	17783	19559	18278
45°	219	6357	536
50°	0	723	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: 6357 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.1	10.3
10°-20°	165.5	29.9
20°-30°	192.1	34.7
30°-40°	121.0	21.8
40°-50°	18.2	3.3
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°	414.7	74.9
0°-40°	535.7	96.7
0°-60°	554.0	100.0
0°-90°	554.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	554.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	625	625	625	625	625	
5°	590	592	593	594	594	57
15°	604	601	603	607	607	165
25°	429	425	417	418	420	195
35°	193	193	197	193	192	120
45°	1	8	26	11	2	12
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°	625.1	625.1	625.1	625.1	625.1
1°	620.3	622.1	622.1	622.5	622.1
2°	611.9	614.5	614.5	615.9	615.0
3°	603.5	605.7	606.2	607.9	607.5
4°	594.2	597.8	599.1	600.0	599.5
5°	589.8	592.0	592.9	594.2	593.8
6°	588.0	589.8	590.7	592.0	592.0
7°	589.4	590.7	592.0	592.9	592.0
8°	593.3	594.7	594.7	596.4	595.1
9°	599.1	599.5	599.5	601.7	600.4
10°	605.3	604.4	604.4	607.5	607.9
11°	610.6	609.7	609.2	612.3	613.2
12°	613.7	611.9	611.9	615.9	616.3
13°	614.1	611.9	611.9	615.9	617.2
14°	610.6	607.9	608.4	612.8	614.1
15°	603.5	601.3	602.6	606.6	607.0
17.5°	569.9	568.6	569.5	572.1	572.6
20°	519.6	518.7	519.6	519.6	520.4
22.5°	469.6	467.4	463.0	465.7	466.1
25°	429.4	424.6	416.6	418.4	420.2
27.5°	385.2	379.1	370.7	372.9	373.3
30°	328.3	325.2	316.3	318.5	321.2
32.5°	253.6	262.0	256.7	256.2	256.7
35°	192.6	193.1	196.6	192.6	192.2
37.5°	134.7	135.2	137.8	133.4	133.9
40°	79.1	84.8	87.0	85.3	81.3
42.5°	24.7	43.7	49.5	42.9	27.4
45°	0.9	8.4	26.1	11.0	2.2
47.5°	0.0	0.4	12.4	0.9	0.0
50°	0.0	0.0	2.7	0.0	0.0
52.5°	0.0	0.0	0.4	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)