

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: P1312456

Luminaire Tested: P3SQAS13R359727DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1312456
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS13R359727DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

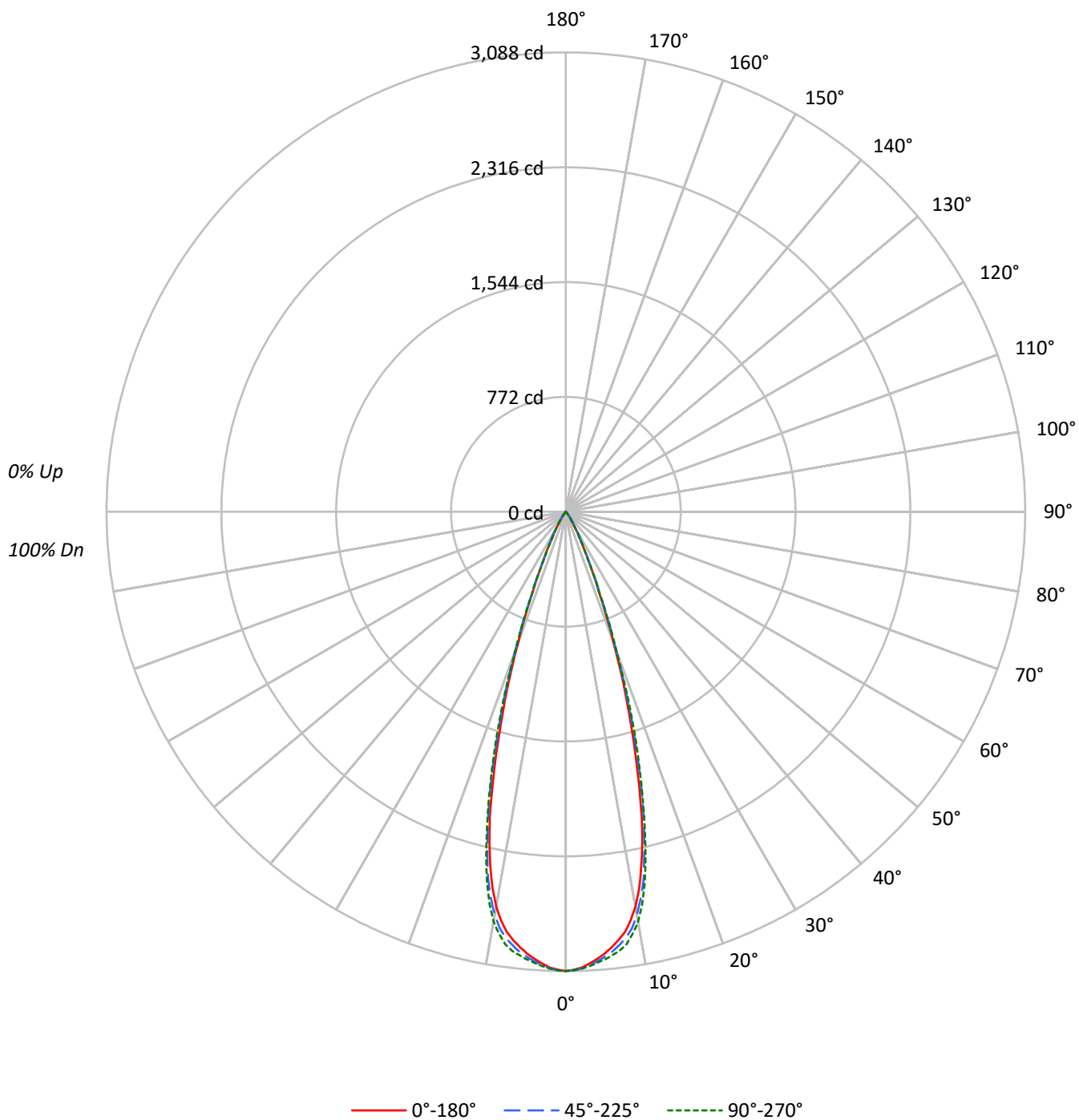
Lumens per Lamp: N/A
Luminaire Lumens: 1028.0 lumens
Efficiency: N/A
Efficacy: 70.4 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	107	107	105	104		103	102	101		100
2	111	107	104	102	109	106	103	100	102	100	98		100	98	96		97
3	107	102	99	96	105	101	98	95	99	96	94		96	94	92		94
4	104	98	94	91	102	97	93	90	95	92	89		93	91	88		92
5	100	94	90	87	99	93	90	87	92	88	86		90	87	85		89
6	97	91	86	83	96	90	86	83	89	85	83		88	84	82		86
7	94	88	83	80	93	87	83	80	86	82	80		85	82	79		84
8	91	85	80	77	91	84	80	77	83	80	77		82	79	77		81
9	89	82	78	75	88	81	77	75	81	77	74		80	77	74		79
10	86	79	75	72	85	79	75	72	78	75	72		78	74	72		77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	531737	531737	531737
5°	515616	519281	522082
10°	471178	481146	489400
15°	338838	353636	356543
20°	172499	181168	181608
25°	65445	66832	64989
30°	25415	29472	24779
35°	8725	13687	8221
40°	2923	5306	2743
45°	195	1778	195
50°	0	214	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: 1778 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	279.5	27.2
10°-20°	520.7	50.7
20°-30°	187.2	18.2
30°-40°	36.5	3.6
40°-50°	4.1	0.4
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°	987.4	96.0
0°-40°	1023.9	99.6
0°-60°	1028.0	100.0
0°-90°	1028.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1028.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3088	3088	3088	3088	3088	
5°	2982	2991	3004	3018	3020	276
15°	1900	1932	1983	1997	2000	505
25°	344	348	352	349	342	181
35°	42	47	65	48	39	31
45°	1	2	7	2	1	2
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°	3087.5	3087.5	3087.5	3087.5	3087.5
1°	3078.6	3082.6	3083.5	3089.2	3082.6
2°	3065.5	3068.0	3071.2	3076.1	3072.9
3°	3040.3	3045.2	3052.5	3059.0	3059.0
4°	3013.4	3019.9	3028.9	3040.3	3039.5
5°	2982.5	2990.6	3003.7	3017.5	3019.9
6°	2943.4	2953.2	2974.3	2993.9	2997.1
7°	2901.9	2916.5	2936.9	2965.4	2972.7
8°	2853.0	2864.4	2893.7	2927.1	2935.3
9°	2781.4	2798.5	2835.9	2866.9	2871.8
10°	2694.3	2706.5	2751.3	2783.8	2798.5
11°	2581.9	2599.8	2643.8	2677.2	2686.9
12°	2438.6	2464.6	2515.9	2540.4	2548.5
13°	2283.9	2305.9	2345.8	2375.9	2382.4
14°	2109.6	2130.8	2172.3	2196.8	2191.1
15°	1900.4	1932.1	1983.4	1997.3	1999.7
17.5°	1403.7	1424.1	1469.7	1491.7	1507.1
20°	941.2	960.8	988.5	1003.1	990.9
22.5°	572.4	588.7	603.3	602.5	598.5
25°	344.4	347.7	351.7	349.3	342.0
27.5°	201.1	210.1	222.3	214.1	201.9
30°	127.8	135.2	148.2	134.3	124.6
32.5°	67.6	85.5	99.3	80.6	70.8
35°	41.5	47.2	65.1	48.0	39.1
37.5°	25.2	29.3	40.7	28.5	22.8
40°	13.0	18.7	23.6	17.1	12.2
42.5°	4.1	9.0	13.0	8.1	4.1
45°	0.8	2.4	7.3	2.4	0.8
47.5°	0.0	0.0	3.3	0.8	0.0
50°	0.0	0.0	0.8	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)