

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: P1315675

Luminaire Tested: P3SQAS20R359740D010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315675
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: P3SQAS20R359740D010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

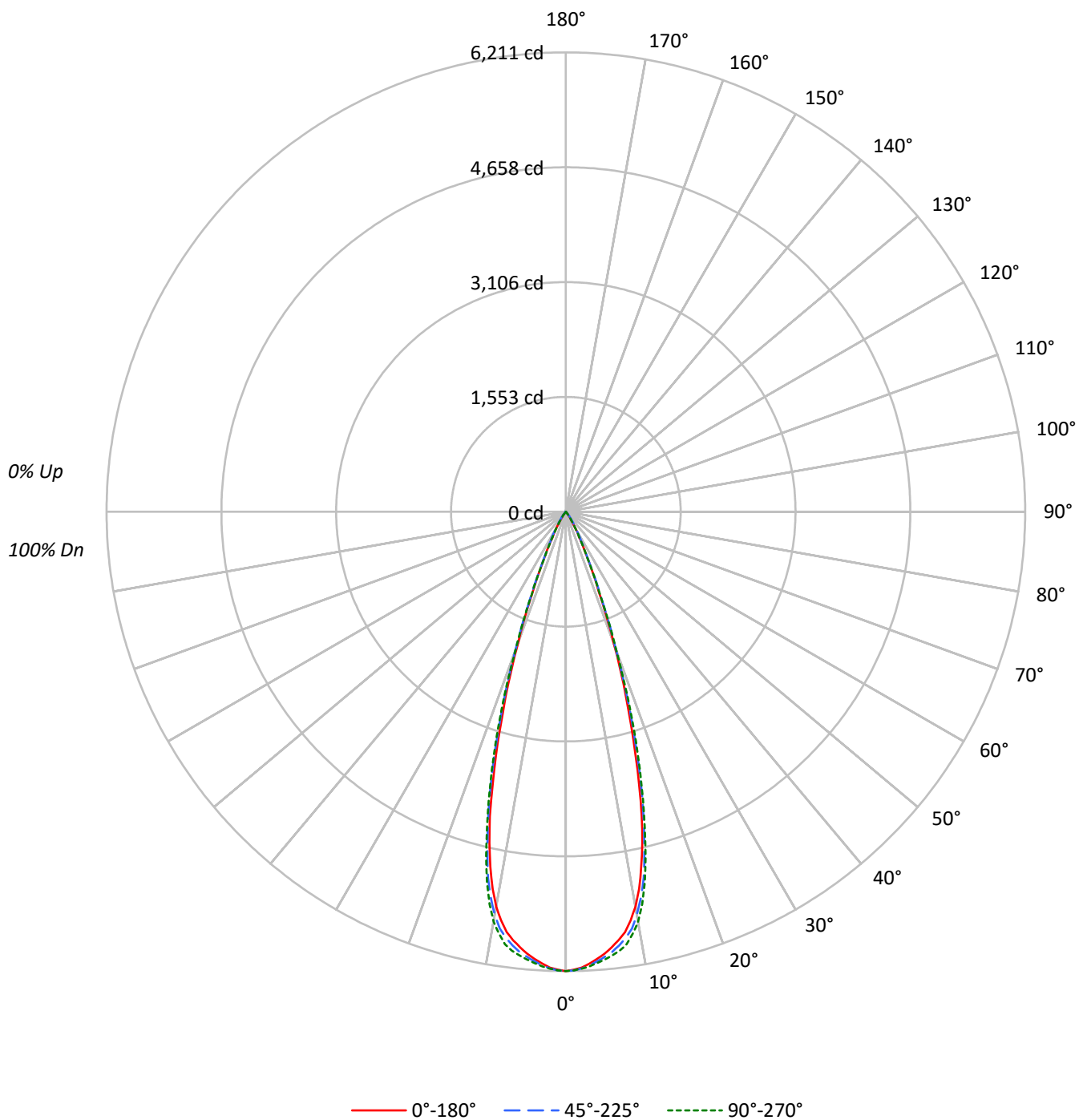
Lumens per Lamp: N/A
Luminaire Lumens: 2068.0 lumens
Efficiency: N/A
Efficacy: 71.8 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	1069692	1069692	1069692
5°	1037248	1044613	1050266
10°	947847	967888	984501
15°	681633	711409	717257
20°	347032	364443	365341
25°	131669	134463	130719
30°	51148	59282	49836
35°	17555	27542	16525
40°	5890	10679	5531
45°	390	3580	390
50°	0	429	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: 3580 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	562.2	27.2
10°-20°	1047.5	50.7
20°-30°	376.5	18.2
30°-40°	73.5	3.6
40°-50°	8.2	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°	1986.3	96.0
0°-40°	2059.8	99.6
0°-60°	2068.0	100.0
0°-90°	2068.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2068.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	6211	6211	6211	6211	6211	
5°	6000	6016	6042	6070	6075	556
15°	3823	3887	3990	4018	4023	1016
25°	693	699	708	703	688	363
35°	84	95	131	97	79	62
45°	2	5	15	5	2	4
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°	6211.1	6211.1	6211.1	6211.1	6211.1
1°	6193.1	6201.3	6202.9	6214.4	6201.3
2°	6166.9	6171.8	6178.3	6188.2	6181.6
3°	6116.1	6125.9	6140.7	6153.8	6153.8
4°	6062.0	6075.1	6093.2	6116.1	6114.5
5°	5999.8	6016.2	6042.4	6070.2	6075.1
6°	5921.2	5940.8	5983.4	6022.7	6029.3
7°	5837.6	5867.1	5908.1	5965.4	5980.1
8°	5739.4	5762.3	5821.3	5888.4	5904.8
9°	5595.2	5629.6	5705.0	5767.2	5777.0
10°	5420.0	5444.5	5534.6	5600.1	5629.6
11°	5193.9	5230.0	5318.4	5385.6	5405.2
12°	4905.7	4958.1	5061.3	5110.4	5126.8
13°	4594.4	4638.7	4718.9	4779.5	4792.6
14°	4243.9	4286.5	4370.0	4419.2	4407.7
15°	3823.0	3886.8	3990.0	4017.9	4022.8
17.5°	2823.8	2864.8	2956.5	3000.7	3031.8
20°	1893.5	1932.8	1988.5	2018.0	1993.4
22.5°	1151.5	1184.2	1213.7	1212.1	1203.9
25°	692.9	699.4	707.6	702.7	687.9
27.5°	404.6	422.6	447.2	430.8	406.2
30°	257.2	271.9	298.1	270.3	250.6
32.5°	135.9	172.0	199.8	162.2	142.5
35°	83.5	95.0	131.0	96.6	78.6
37.5°	50.8	59.0	81.9	57.3	45.9
40°	26.2	37.7	47.5	34.4	24.6
42.5°	8.2	18.0	26.2	16.4	8.2
45°	1.6	4.9	14.7	4.9	1.6
47.5°	0.0	0.0	6.6	1.6	0.0
50°	0.0	0.0	1.6	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)