

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: P1308371

Luminaire Tested: P3SQAS20R559030D010 E3SQCA451MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308371
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-80)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS20R559030D010 E3SQCA451MW
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3SQCA451MW TRIM
Light Source: -
Ballast/Driver: -

Summary

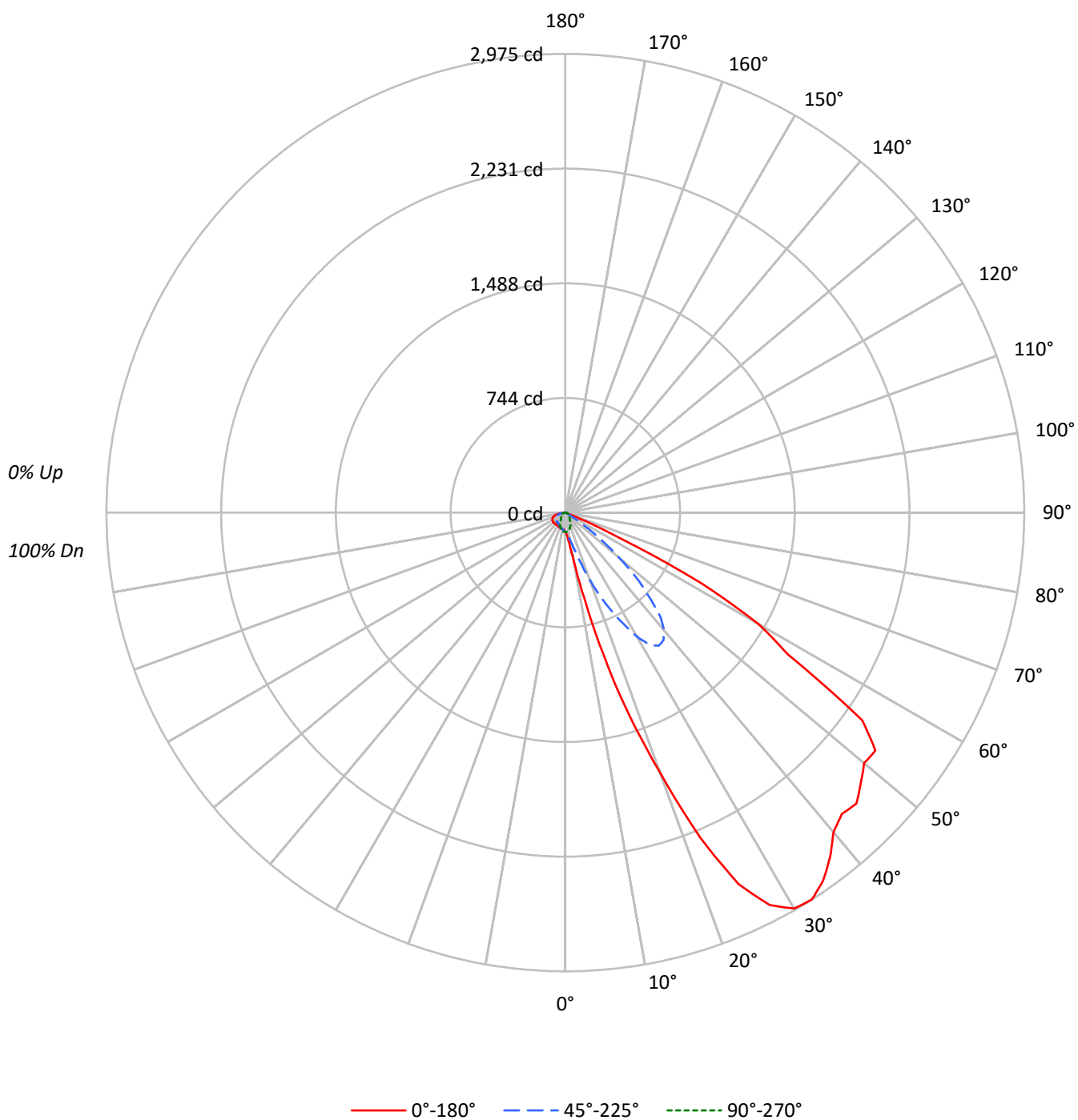
Lumens per Lamp: N/A
Luminaire Lumens: 1913.0 lumens
Efficiency: N/A
Efficacy: 66.4 lumens/watt
Spacing Criteria (0/90/45): 3.76 / 0.91 / 1.95
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.1	0.7
10°-20°	81.2	4.2
20°-30°	272.3	14.2
30°-40°	447.2	23.4
40°-50°	498.8	26.1
50°-60°	419.8	21.9
60°-70°	142.4	7.4
70°-80°	27.9	1.5
80°-90°	10.5	0.5
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°	366.6	19.2
0°-40°	813.7	42.5
0°-60°	1732.3	90.6
0°-90°	1913.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1913.0	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	123	123	123	123	123	
5°	157	144	123	115	112	20
15°	952	272	108	103	106	302
25°	2657	695	79	91	100	1194
35°	2914	1055	49	81	96	1809
45°	2669	761	37	79	98	2038
55°	2349	178	30	76	98	1913
65°	399	10	22	66	91	540
75°	7	7	12	46	71	7
85°	2	3	5	15	25	2
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (continued):

	157.5°	180°
0°	123.4	123.4
2.5°	116.6	116.6
5°	113.2	111.6
7.5°	109.9	109.9
10°	108.2	108.2
12.5°	106.5	108.2
15°	106.5	106.5
17.5°	103.1	104.8
20°	101.4	103.1
22.5°	99.7	101.4
25°	98.0	99.7
27.5°	96.3	98.0
30°	94.7	98.0
32.5°	93.0	96.3
35°	93.0	96.3
37.5°	93.0	98.0
40°	93.0	98.0
42.5°	93.0	98.0
45°	93.0	98.0
47.5°	93.0	98.0
50°	93.0	99.7
52.5°	93.0	99.7
55°	93.0	98.0
57.5°	91.3	98.0
60°	91.3	96.3
62.5°	89.6	94.7
65°	86.2	91.3
67.5°	82.8	89.6
70°	77.8	84.5
72.5°	72.7	77.8
75°	65.9	71.0
77.5°	57.5	60.8
80°	45.6	50.7
82.5°	35.5	38.9
85°	23.7	25.4
87.5°	10.1	11.8
90°	0.0	0.0

(END OF REPORT)