

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: P1317185

Luminaire Tested: P3SQAS13R609830DE010 E3SQCA451MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317185
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-81)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS13R609830DE010 E3SQCA451MB
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3SQCA451MB TRIM
Light Source: -
Ballast/Driver: -

Summary

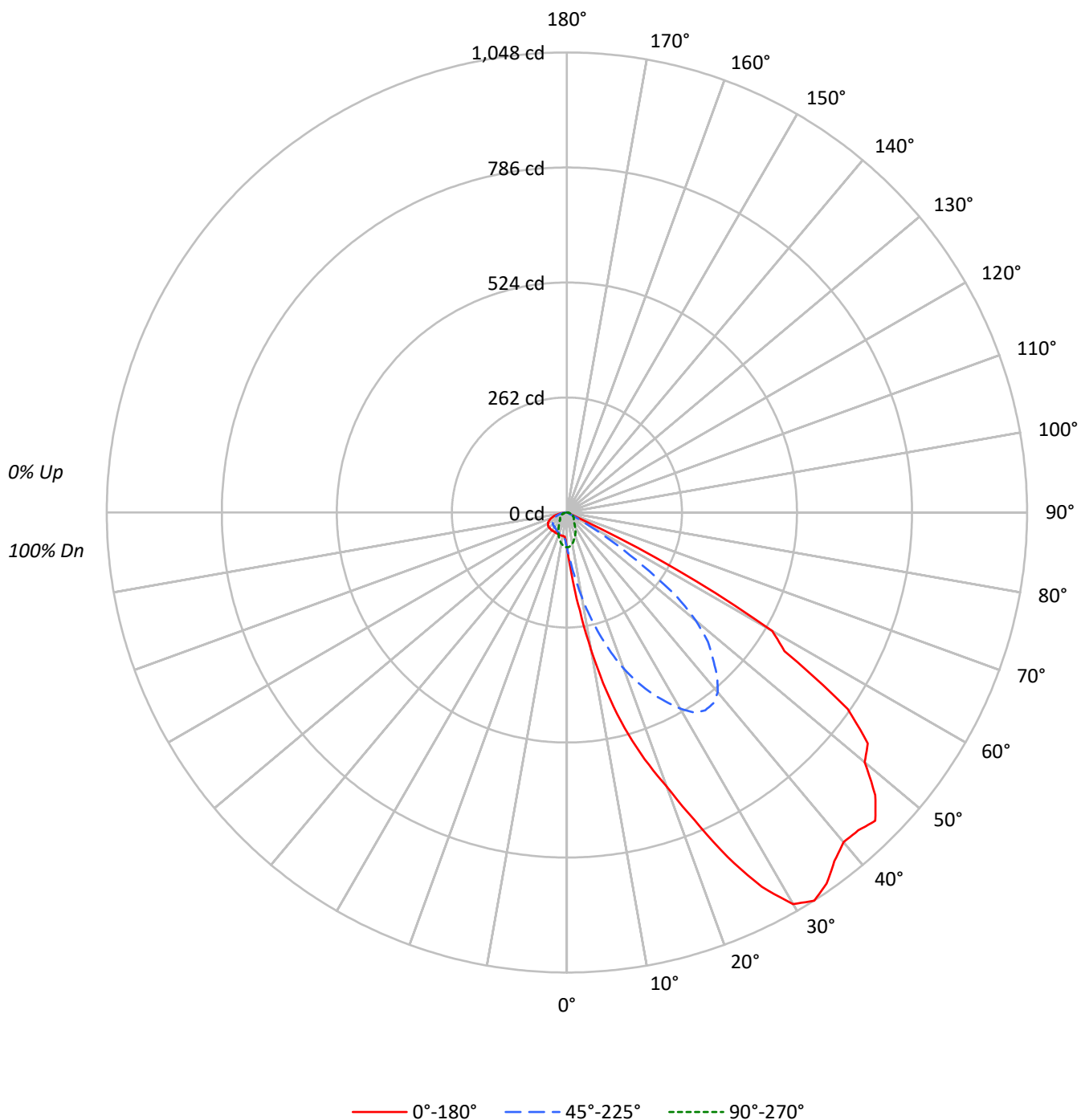
Lumens per Lamp: N/A
Luminaire Lumens: 798.0 lumens
Efficiency: N/A
Efficacy: 55.0 lumens/watt
Spacing Criteria (0/90/45): 3.38 / 0.84 / 2.07
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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	110	106	102	99	108	104	100	97	100	97	94		96	93			

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.9	1.2
10°-20°	49.7	6.2
20°-30°	115.4	14.5
30°-40°	179.4	22.5
40°-50°	204.4	25.6
50°-60°	172.1	21.6
60°-70°	49.9	6.3
70°-80°	12.8	1.6
80°-90°	4.3	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		

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	45°	67.5°	90°
0°	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
2.5°	106.6	105.9	105.9	105.2	104.5	103.7	101.6	100.8	96.5	87.8	79.1
5°	155.2	154.5	152.3	151.6	148.0	142.9	137.8	132.7	121.1	96.5	77.6
7.5°	224.9	226.3	224.9	216.9	211.8	203.8	188.6	177.7	154.5	105.2	74.7
10°	317.0	317.0	314.8	302.5	291.6	276.4	256.8	237.9</			

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CANDELA DISTRIBUTION (continued):

	112.5°	135°	157.5°	180°
0°	79.1	79.1	79.1	79.1
2.5°	71.8	66.7	63.8	62.4
5°	65.3	58.8	56.6	55.9
7.5°	59.5	55.1	54.4	54.4
10°	55.9	53.0	53.7	53.7
12.5°	53.7	53.0	53.7	54.4
15°	51.5	52.2	53.7	53.7
17.5°	50.1	51.5	53.0	53.7
20°	47.9	50.8	53.0	53.0
22.5°	46.4	50.1	52.2	53.0
25°	45.0	48.6	51.5	53.0
27.5°	42.8	47.9	51.5	52.2
30°	40			