

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: P1317831

Luminaire Tested: P3SQAS09R259835DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317831
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS09R259835DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

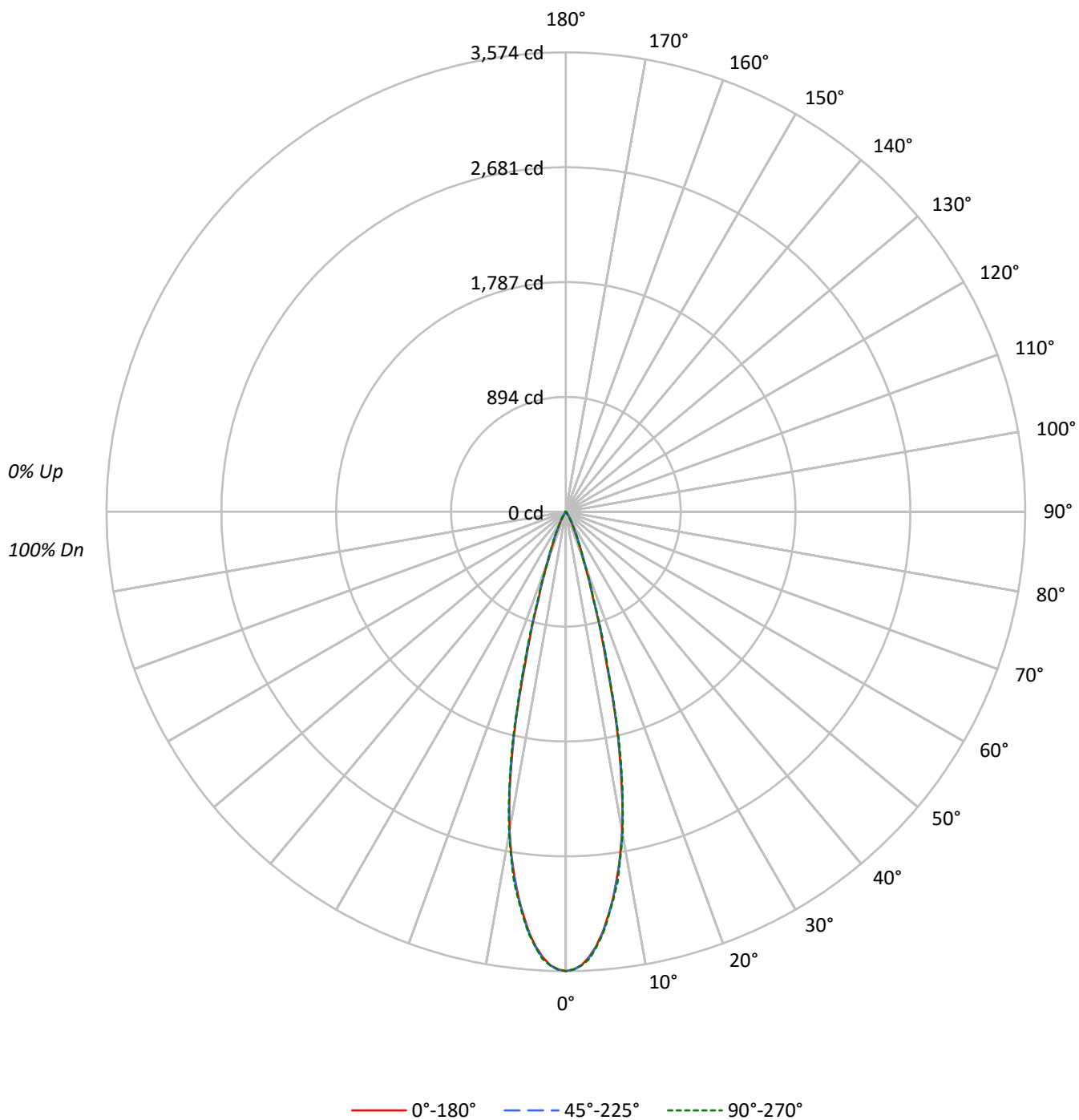
Lumens per Lamp: N/A
Luminaire Lumens: 744.0 lumens
Efficiency: N/A
Efficacy: 67.6 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	115	113	111	110	113	111	110	108	107	106	105		103	103	102		100	99	99	97
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98	97	96	94
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96	94	93	92
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94	92	90	89
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92	90	88	87
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90	87	85	84
7	97	91	87	85	96	91	87	84	90	86	84		89	86	84		88	85	83	82
8	95	89	85	82	94	88	85	82	87	84	82		87	84	82		86	83	81	80
9	93	86	83	80	92	86	82	80	85	82	80		85	82	80		84	81	79	78
10	91	84	81	78	90	84	80	78	83	80	78		83	80	78		82	79	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	615575	615575	615575
5°	567601	568881	570073
10°	440696	442305	444701
15°	217791	226956	227045
20°	73329	78259	74795
25°	30366	33730	31240
30°	11912	14975	12031
35°	3112	6118	3238
40°	1147	2428	1147
45°	146	706	146
50°	0	161	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: 706 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	289.6	38.9
10°-20°	350.3	47.1
20°-30°	85.5	11.5
30°-40°	16.6	2.2
40°-50°	1.9	0.3
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°	725.5	97.5
0°-40°	742.1	99.7
0°-60°	744.0	100.0
0°-90°	744.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	744.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3574	3574	3574	3574	3574	
5°	3283	3288	3291	3305	3298	289
15°	1222	1251	1273	1285	1273	344
25°	160	168	178	170	164	81
35°	15	21	29	21	15	13
45°	1	2	3	2	1	1
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°	3574.3	3574.3	3574.3	3574.3	3574.3
1°	3560.6	3562.9	3563.5	3566.9	3560.0
2°	3528.1	3528.6	3530.3	3537.2	3530.9
3°	3468.1	3472.1	3472.7	3481.8	3483.5
4°	3386.5	3388.8	3393.4	3408.8	3395.1
5°	3283.2	3287.8	3290.6	3304.9	3297.5
6°	3155.3	3156.5	3162.8	3179.3	3169.0
7°	3025.2	3024.6	3025.2	3038.3	3035.5
8°	2868.2	2865.4	2874.5	2890.5	2901.3
9°	2704.4	2708.4	2714.1	2729.5	2717.0
10°	2520.0	2530.9	2529.2	2530.3	2542.9
11°	2307.7	2311.1	2311.7	2323.7	2322.0
12°	2058.3	2058.3	2077.1	2096.5	2090.2
13°	1806.6	1824.3	1811.7	1815.7	1840.8
14°	1513.2	1526.9	1544.0	1560.0	1547.4
15°	1221.5	1250.6	1272.9	1285.4	1273.4
17.5°	699.8	709.5	728.3	730.6	723.2
20°	400.1	412.1	427.0	422.4	408.1
22.5°	251.7	255.1	270.0	262.6	259.1
25°	159.8	168.4	177.5	170.1	164.4
27.5°	99.3	105.0	114.7	106.7	100.5
30°	59.9	65.1	75.3	64.5	60.5
32.5°	31.4	38.8	47.4	39.4	31.4
35°	14.8	21.1	29.1	21.1	15.4
37.5°	9.1	11.4	17.7	11.4	9.1
40°	5.1	7.4	10.8	7.4	5.1
42.5°	2.3	4.0	5.1	4.0	2.9
45°	0.6	1.7	2.9	1.7	0.6
47.5°	0.0	0.0	1.7	0.6	0.0
50°	0.0	0.0	0.6	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)