

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: P1309575

Luminaire Tested: P3SQAS24R309035D010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309575
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS24R309035D010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

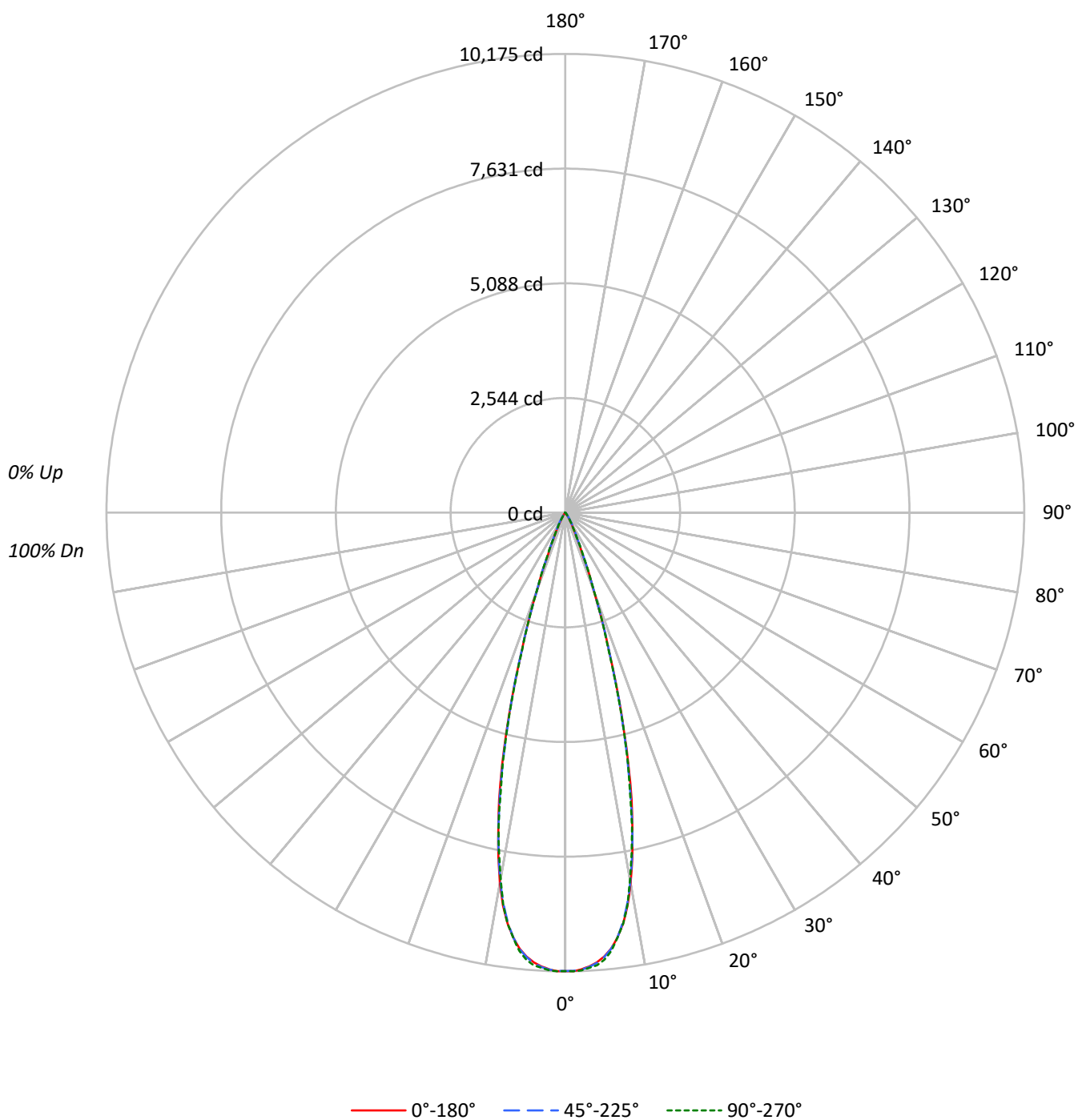
Lumens per Lamp: N/A
Luminaire Lumens: 2624.0 lumens
Efficiency: N/A
Efficacy: 91.1 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.46
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	110	113	111	109	108	107	106	105		103	102	101		100
2	112	108	105	103	109	106	104	102	103	101	99		100	99	97		98
3	108	104	100	97	106	102	99	97	100	97	95		98	95	94		95
4	105	100	96	93	103	99	95	92	97	94	91		95	92	90		93
5	102	96	92	89	101	95	92	89	94	91	88		92	90	87		91
6	99	93	89	86	98	92	89	86	91	88	85		90	87	85		89
7	96	90	86	83	95	90	86	83	89	85	83		87	85	82		87
8	94	88	84	81	93	87	83	81	86	83	80		85	82	80		84
9	91	85	81	78	91	85	81	78	84	80	78		83	80	78		82
10	89	83	79	76	88	82	79	76	82	78	76		81	78	76		80

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1751366	1751366	1751366
5°	1708664	1710791	1720317
10°	1459334	1452549	1443980
15°	900565	890028	893291
20°	340361	342230	341864
25°	104705	114795	109360
30°	42199	53574	43830
35°	12447	22749	12867
40°	5036	9173	5036
45°	999	2971	999
50°	0	536	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: 2971 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	896.9	34.2
10°-20°	1328.0	50.6
20°-30°	329.4	12.6
30°-40°	61.8	2.4
40°-50°	7.8	0.3
50°-60°	0.1	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°	2554.3	97.3
0°-40°	2616.2	99.7
0°-60°	2624.0	100.0
0°-90°	2624.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2624.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	10169	10169	10169	10169	10169	
5°	9884	9879	9896	9912	9951	898
15°	5051	5002	4992	5030	5010	1335
25°	551	588	604	602	576	317
35°	59	78	108	80	61	50
45°	4	6	12	8	4	5
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	0

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	10169.2	10169.2	10169.2	10169.2	10169.2
1°	10173.3	10165.2	10165.2	10152.9	10175.4
2°	10136.6	10128.4	10142.7	10132.5	10161.1
3°	10081.5	10071.3	10091.7	10097.8	10112.1
4°	9999.8	9991.7	10014.1	10026.4	10065.2
5°	9883.5	9879.4	9895.8	9912.1	9950.9
6°	9724.3	9718.2	9728.4	9748.8	9773.3
7°	9493.7	9481.5	9489.7	9493.7	9499.9
8°	9201.9	9183.5	9173.3	9195.8	9208.0
9°	8826.4	8806.0	8783.5	8775.4	8803.9
10°	8344.8	8314.2	8306.0	8285.6	8257.0
11°	7785.6	7761.1	7755.0	7718.2	7701.9
12°	7144.8	7132.5	7146.8	7124.4	7116.2
13°	6530.5	6453.0	6442.8	6399.9	6377.5
14°	5804.0	5732.6	5730.5	5708.1	5738.7
15°	5050.9	5002.0	4991.8	5030.5	5010.1
17.5°	3220.4	3253.0	3244.8	3224.4	3189.7
20°	1857.1	1834.7	1867.3	1875.5	1865.3
22.5°	989.8	997.9	1004.1	1028.6	1044.9
25°	551.0	587.7	604.1	602.0	575.5
27.5°	342.9	365.3	395.9	375.5	353.1
30°	212.2	230.6	269.4	232.6	220.4
32.5°	114.3	144.9	173.5	144.9	118.4
35°	59.2	77.5	108.2	79.6	61.2
37.5°	38.8	44.9	69.4	44.9	38.8
40°	22.4	28.6	40.8	28.6	22.4
42.5°	10.2	16.3	22.4	16.3	10.2
45°	4.1	6.1	12.2	8.2	4.1
47.5°	0.0	2.0	6.1	2.0	0.0
50°	0.0	0.0	2.0	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)