

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: P1308545

Luminaire Tested: P3SQAS24R709030D010 E3SQCLDWW1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308545
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS24R709030D010 E3SQCLDWW1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3SQCLDWW1MW TRI
Light Source: -
Ballast/Driver: -

Summary

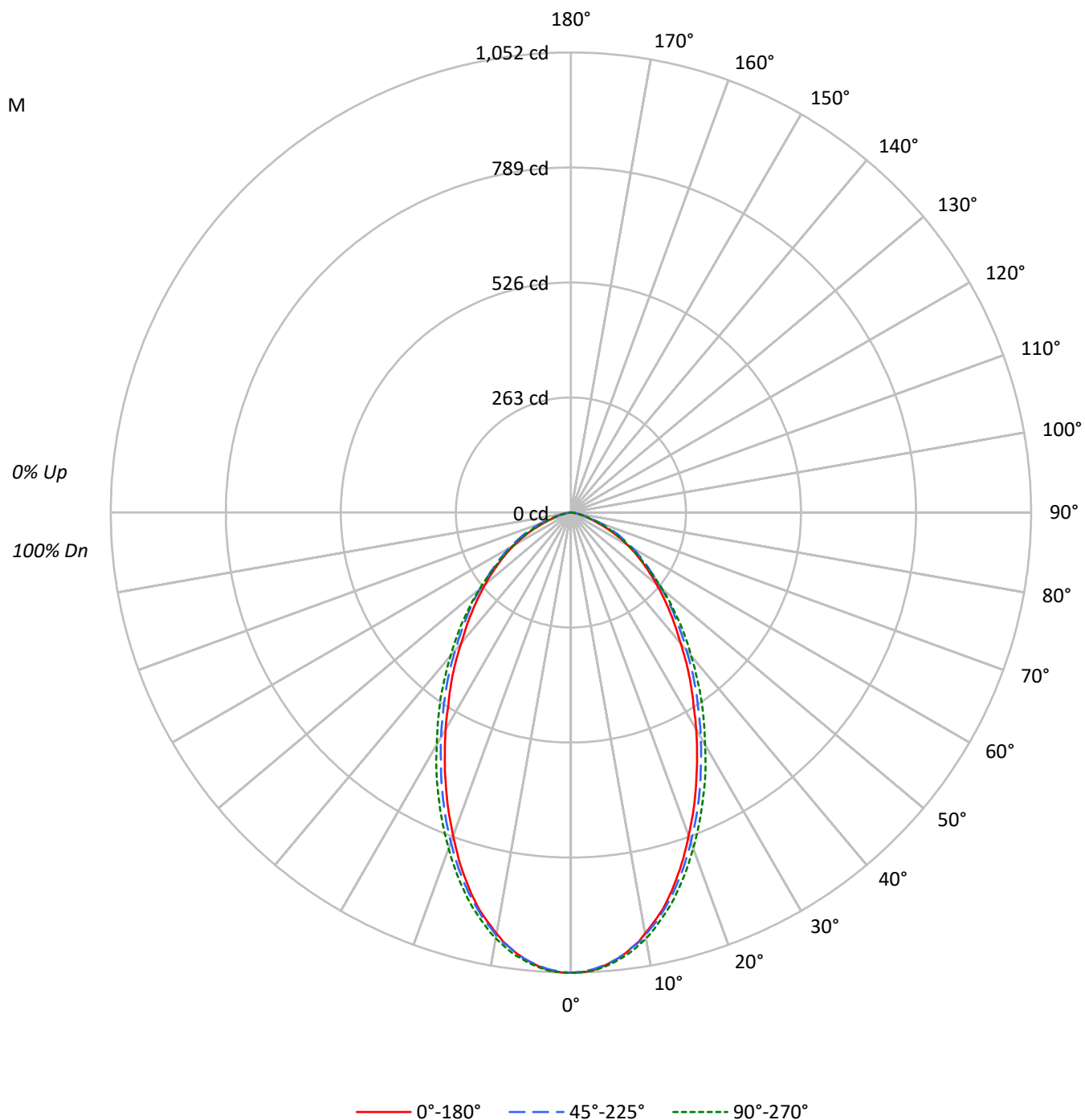
Lumens per Lamp: N/A
Luminaire Lumens: 1580.0 lumens
Efficiency: N/A
Efficacy: 54.9 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	111	107	104	101	109	105	102	99	101	98	96		97	95	93		94
2	103	96	91	86	101	95	89	85	91	87	83		88	84	81		85
3	95	87	80	75	93	85	79	74	82	77	73		80	75	71		77
4	89	78	71	65	87	77	70	65	75	69	64		73	67	63		71
5	83	71	64	58	81	70	63	58	68	62	57		67	61	57		65
6	77	65	58	52	75	64	57	52	63	56	51		61	55	51		60
7	72	60	52	47	70	59	52	47	58	51	47		57	51	46		55
8	68	56	48	43	66	55	48	43	54	47	42		53	47	42		51
9	64	52	44	39	62	51	44	39	50	44	39		49	43	39		48
10	60	48	41	36	59	48	41	36	47	40	36		46	40	36		45

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	181230	181230	181230
5°	178620	178620	179277
10°	170997	171662	172991
15°	159363	160718	162768
20°	144201	147005	149809
25°	128838	132468	136078
30°	113930	118106	121905
35°	100371	104786	109201
40°	87590	92311	96178
45°	77671	81860	84661
50°	68564	72154	73172
55°	60202	63655	61944
60°	51977	55903	53286
65°	41240	48250	43563
70°	29810	37514	32680
75°	22890	24155	20362
80°	15174	15174	11406
85°	7509	7509	7509

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 84661 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.0	6.1
10°-20°	251.8	15.9
20°-30°	320.0	20.3
30°-40°	311.3	19.7
40°-50°	258.8	16.4
50°-60°	186.7	11.8
60°-70°	109.8	7.0
70°-80°	38.9	2.5
80°-90°	5.7	0.4
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°	668.8	42.3
0°-40°	980.1	62.0
0°-60°	1425.6	90.2
0°-90°	1580.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1580.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1052	1052	1052	1052	1052	
5°	1033	1031	1033	1033	1037	97
15°	894	894	901	907	913	249
25°	678	686	697	710	716	311
35°	477	483	498	512	519	298
45°	319	325	336	344	348	247
55°	200	206	212	210	206	180
65°	101	109	118	113	107	101
75°	34	36	36	32	31	37
85°	4	4	4	4	4	6
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1052.3	1052.3	1052.3	1052.3	1052.3
1°	1052.3	1050.4	1050.4	1050.4	1052.3
2°	1050.4	1048.4	1048.4	1048.4	1050.4
3°	1046.5	1044.6	1044.6	1044.6	1048.4
4°	1040.8	1037.0	1038.9	1038.9	1042.7
5°	1033.2	1031.3	1033.2	1033.2	1037.0
6°	1025.5	1023.6	1025.5	1025.5	1029.3
7°	1016.0	1014.1	1016.0	1017.9	1021.7
8°	1004.5	1002.6	1004.5	1006.4	1012.2
9°	993.1	991.2	995.0	996.9	1000.7
10°	977.8	977.8	981.6	983.5	989.2
11°	962.5	962.5	966.3	970.1	975.9
12°	947.2	947.2	953.0	956.8	960.6
13°	931.9	930.0	935.8	939.6	945.3
14°	912.9	910.9	918.6	924.3	930.0
15°	893.8	893.8	901.4	907.1	912.9
17.5°	842.2	844.1	853.7	861.3	867.0
20°	786.8	792.5	802.1	811.6	817.4
22.5°	733.3	737.2	750.5	762.0	767.7
25°	678.0	685.6	697.1	710.4	716.1
27.5°	624.5	632.1	643.6	656.9	666.5
30°	572.9	578.6	593.9	607.3	613.0
32.5°	521.4	529.0	544.3	557.6	565.3
35°	477.4	483.2	498.4	511.8	519.4
37.5°	433.5	439.2	454.5	466.0	471.7
40°	389.6	399.1	410.6	422.1	427.8
42.5°	353.3	360.9	372.4	381.9	387.7
45°	318.9	324.7	336.1	343.8	347.6
47.5°	286.5	292.2	303.6	307.5	309.4
50°	255.9	261.6	269.3	271.2	273.1
52.5°	227.3	231.1	238.7	238.7	236.8
55°	200.5	206.3	212.0	210.1	206.3
57.5°	175.7	177.6	187.2	183.3	179.5
60°	150.9	154.7	162.3	158.5	154.7
62.5°	126.0	129.9	139.4	135.6	129.9
65°	101.2	108.9	118.4	112.7	106.9
67.5°	76.4	85.9	95.5	89.8	85.9
70°	59.2	66.8	74.5	68.8	64.9
72.5°	45.8	49.7	53.5	49.7	45.8
75°	34.4	36.3	36.3	32.5	30.6
77.5°	24.8	26.7	22.9	19.1	19.1
80°	15.3	17.2	15.3	11.5	11.5
82.5°	7.6	9.5	7.6	7.6	7.6
85°	3.8	3.8	3.8	3.8	3.8
87.5°	1.9	1.9	1.9	1.9	1.9



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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)