

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: P1311858

Luminaire Tested: P3SQAS24R709050D010 E3SQCLDWW1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311858
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: P3SQAS24R709050D010 E3SQCLDWW1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 5000K CCT AND, 90CRI , E3SQCLDWW1MW TRI
Light Source: -
Ballast/Driver: -

Summary

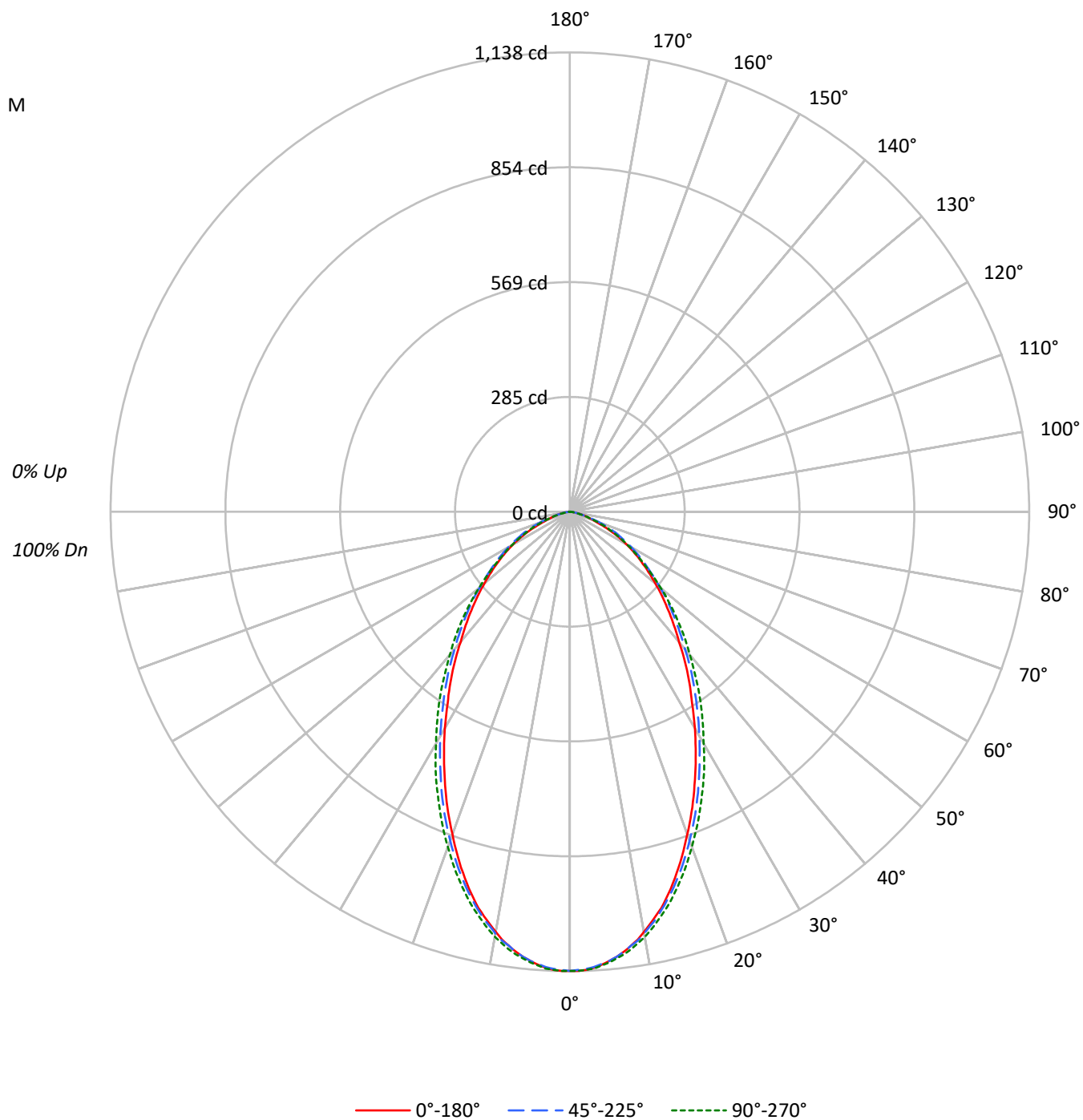
Lumens per Lamp: N/A
Luminaire Lumens: 1708.0 lumens
Efficiency: N/A
Efficacy: 59.3 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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°	195903	195903	195903
5°	193090	193090	193799
10°	184848	185565	187016
15°	172272	173734	175944
20°	155894	158918	161942
25°	139271	143185	147119
30°	123157	127672	131788
35°	108507	113280	118053
40°	94672	99798	103957
45°	83979	88485	91505
50°	74110	77995	79093
55°	65097	68820	66958
60°	56179	60450	57591
65°	44582	52162	47109
70°	32227	40535	35349
75°	24754	26084	21959
80°	16365	16365	12298
85°	8102	8102	8102

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 91505 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.8	6.1
10°-20°	272.3	15.9
20°-30°	345.9	20.3
30°-40°	336.5	19.7
40°-50°	279.8	16.4
50°-60°	201.8	11.8
60°-70°	118.7	7.0
70°-80°	42.0	2.5
80°-90°	6.2	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°	723.0	42.3
0°-40°	1059.5	62.0
0°-60°	1541.1	90.2
0°-90°	1708.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1708.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1138	1138	1138	1138	1138	
5°	1117	1115	1117	1117	1121	105
15°	966	966	974	981	987	270
25°	733	741	754	768	774	337
35°	516	522	539	553	562	322
45°	345	351	363	372	376	267
55°	217	223	229	227	223	195
65°	109	118	128	122	116	109
75°	37	39	39	35	33	40
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°	1137.5	1137.5	1137.5	1137.5	1137.5
1°	1137.5	1135.4	1135.4	1135.4	1137.5
2°	1135.4	1133.4	1133.4	1133.4	1135.4
3°	1131.3	1129.3	1129.3	1129.3	1133.4
4°	1125.1	1121.0	1123.1	1123.1	1127.2
5°	1116.9	1114.8	1116.9	1116.9	1121.0
6°	1108.6	1106.5	1108.6	1108.6	1112.7
7°	1098.3	1096.2	1098.3	1100.3	1104.5
8°	1085.9	1083.8	1085.9	1088.0	1094.2
9°	1073.5	1071.4	1075.6	1077.6	1081.8
10°	1057.0	1057.0	1061.1	1063.2	1069.4
11°	1040.5	1040.5	1044.6	1048.7	1054.9
12°	1024.0	1024.0	1030.2	1034.3	1038.4
13°	1007.4	1005.4	1011.6	1015.7	1021.9
14°	986.8	984.7	993.0	999.2	1005.4
15°	966.2	966.2	974.4	980.6	986.8
17.5°	910.4	912.5	922.8	931.1	937.3
20°	850.6	856.7	867.1	877.4	883.6
22.5°	792.7	796.9	811.3	823.7	829.9
25°	732.9	741.1	753.5	768.0	774.2
27.5°	675.1	683.3	695.7	710.2	720.5
30°	619.3	625.5	642.0	656.5	662.7
32.5°	563.6	571.9	588.4	602.8	611.1
35°	516.1	522.3	538.8	553.3	561.5
37.5°	468.6	474.8	491.3	503.7	509.9
40°	421.1	431.5	443.9	456.2	462.4
42.5°	381.9	390.2	402.6	412.9	419.1
45°	344.8	351.0	363.3	371.6	375.7
47.5°	309.7	315.9	328.2	332.4	334.4
50°	276.6	282.8	291.1	293.2	295.2
52.5°	245.7	249.8	258.1	258.1	256.0
55°	216.8	223.0	229.2	227.1	223.0
57.5°	189.9	192.0	202.3	198.2	194.1
60°	163.1	167.2	175.5	171.3	167.2
62.5°	136.3	140.4	150.7	146.6	140.4
65°	109.4	117.7	128.0	121.8	115.6
67.5°	82.6	92.9	103.2	97.0	92.9
70°	64.0	72.3	80.5	74.3	70.2
72.5°	49.5	53.7	57.8	53.7	49.5
75°	37.2	39.2	39.2	35.1	33.0
77.5°	26.8	28.9	24.8	20.6	20.6
80°	16.5	18.6	16.5	12.4	12.4
82.5°	8.3	10.3	8.3	8.3	8.3
85°	4.1	4.1	4.1	4.1	4.1
87.5°	2.1	2.1	2.1	2.1	2.1



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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)