

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: P1309212

Luminaire Tested: P3SQAS13R709035DE010 E3SQCLDWW1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309212
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-46)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS13R709035DE010 E3SQCLDWW1MB
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3SQCLDWW1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

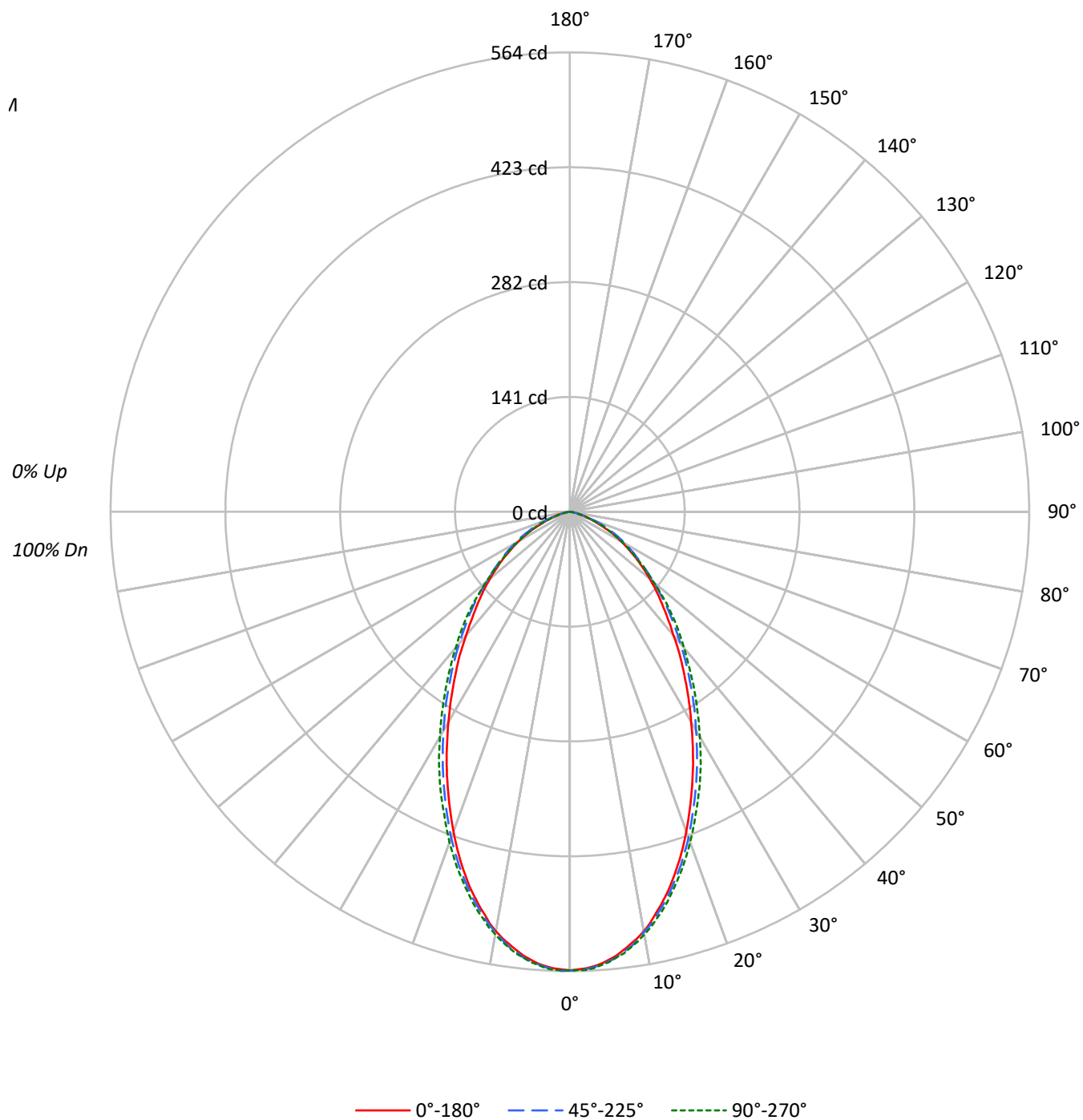
Lumens per Lamp: N/A
Luminaire Lumens: 806.0 lumens
Efficiency: N/A
Efficacy: 55.2 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 1
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	108	104	102	109	106	103	100	101	99	97		98	96	94		94
2	103	97	92	87	101	95	90	86	92	88	84		89	85	82		86
3	96	87	81	76	94	86	80	75	83	78	74		81	76	72		78
4	89	79	72	66	87	78	71	66	76	70	65		74	69	64		72
5	83	72	65	59	81	71	64	59	69	63	58		67	62	58		66
6	78	66	59	53	76	65	58	53	64	57	53		62	56	52		61
7	73	61	53	48	71	60	53	48	59	52	48		58	52	47		56
8	68	57	49	44	67	56	49	44	55	48	44		53	48	43		52
9	64	53	45	40	63	52	45	40	51	45	40		50	44	40		49
10	61	49	42	37	60	49	42	37	48	41	37		47	41	37		46

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	96961	96961	96961
5°	95430	95776	95949
10°	91462	91637	92161
15°	84870	85583	86296
20°	76609	78075	79175
25°	67840	69740	71450
30°	59262	61648	63438
35°	51510	54243	55925
40°	44514	47437	49011
45°	38970	41649	42866
50°	34295	35903	35903
55°	29726	31227	30326
60°	25145	26867	25489
65°	19561	22413	20376
70°	14099	16617	14099
75°	10647	9981	7985
80°	6943	4959	1984
85°	1976	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 42866 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.9	6.4
10°-20°	134.0	16.6
20°-30°	168.2	20.9
30°-40°	160.6	19.9
40°-50°	130.6	16.2
50°-60°	91.4	11.3
60°-70°	51.6	6.4
70°-80°	16.3	2.0
80°-90°	1.3	0.2
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°	354.1	43.9
0°-40°	514.7	63.9
0°-60°	736.7	91.4
0°-90°	806.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	806.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	563	563	563	563	563	
5°	552	553	554	553	555	52
15°	476	477	480	481	484	133
25°	357	361	367	373	376	164
35°	245	249	258	263	266	154
45°	160	164	171	174	176	124
55°	99	100	104	102	101	89
65°	48	51	55	52	50	48
75°	16	16	15	13	12	17
85°	1	1	0	0	0	2
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	563	563	563	563	563
1°	562	563	564	562	563
2°	561	562	562	561	563
3°	559	560	560	559	561
4°	556	557	557	556	558
5°	552	553	554	553	555
6°	548	549	550	549	550
7°	542	544	544	544	546
8°	536	538	539	538	540
9°	530	531	532	532	534
10°	523	524	524	525	527
11°	515	515	517	517	520
12°	505	506	508	509	511
13°	496	497	499	500	503
14°	486	488	490	491	494
15°	476	477	480	481	484
17.5°	448	449	454	456	459
20°	418	421	426	429	432
22.5°	387	390	396	401	403
25°	357	361	367	373	376
27.5°	327	331	338	344	348
30°	298	302	310	315	319
32.5°	271	275	284	289	292
35°	245	249	258	263	266
37.5°	222	226	234	239	241
40°	198	203	211	216	218
42.5°	178	182	190	194	197
45°	160	164	171	174	176
47.5°	144	146	152	153	155
50°	128	130	134	135	134
52.5°	113	115	118	117	117
55°	99	100	104	102	101
57.5°	85	87	91	88	87
60°	73	75	78	76	74
62.5°	61	62	67	63	61
65°	48	51	55	52	50
67.5°	36	41	45	41	39
70°	28	30	33	31	28
72.5°	21	22	23	21	19
75°	16	16	15	13	12
77.5°	11	11	9	6	6
80°	7	7	5	2	2
82.5°	3	3	2	1	1
85°	1	1	0	0	0
87.5°	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

(END OF REPORT)