

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: P1314144

Luminaire Tested: P3SQAS05R709735DE010 E3SQCLDWW1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314144
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: P3SQAS05R709735DE010 E3SQCLDWW1MB
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 97CRI , E3SQCLDWW1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

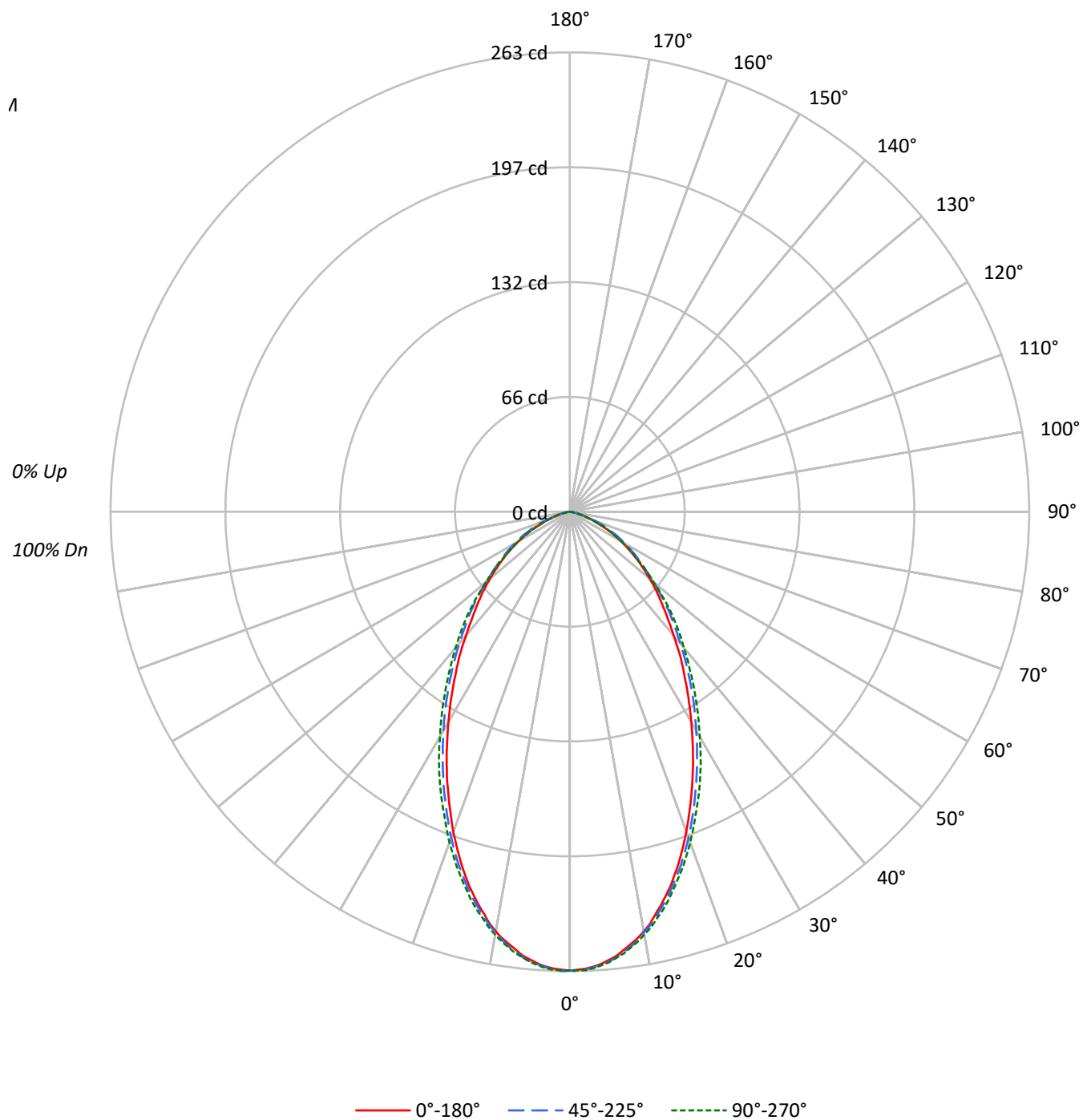
Lumens per Lamp: N/A
Luminaire Lumens: 376.0 lumens
Efficiency: N/A
Efficacy: 52.2 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 1
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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

TEST NUMBER: P1314144

CATALOG NUMBER: P3SQAS05R709735DE010 E3SQCLDWW1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1314144

CATALOG NUMBER: P3SQAS05R709735DE010 E3SQCLDWW1MB

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	101	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	68	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°	45226	45226	45226
5°	44517	44672	44759
10°	42671	42758	43003
15°	39600	39921	40260
20°	35739	36417	36930
25°	31639	32533	33331
30°	27642	28756	29591
35°	24031	25314	26091
40°	20773	22122	22864
45°	18170	19436	19996
50°	15995	16746	16746
55°	13872	14563	14142
60°	11746	12538	11883
65°	9128	10473	9495
70°	6596	7755	6596
75°	4991	4658	3726
80°	3273	2281	893
85°	988	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 19996 cd/sqm

TEST NUMBER: P1314144

CATALOG NUMBER: P3SQAS05R709735DE010 E3SQCLDWW1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.2	6.4
10°-20°	62.5	16.6
20°-30°	78.5	20.9
30°-40°	74.9	19.9
40°-50°	60.9	16.2
50°-60°	42.7	11.3
60°-70°	24.1	6.4
70°-80°	7.6	2.0
80°-90°	0.6	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°	165.2	43.9
0°-40°	240.1	63.9
0°-60°	343.7	91.4
0°-90°	376.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	376.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	263	263	263	263	263	
5°	258	258	258	258	259	24
15°	222	222	224	224	226	62
25°	166	168	171	174	175	76
35°	114	116	120	123	124	72
45°	75	76	80	81	82	58
55°	46	47	48	48	47	41
65°	22	24	26	24	23	23
75°	8	8	7	6	6	8
85°	0	0	0	0	0	1
90°	0	0	0	0	0	

TEST NUMBER: P1314144

CATALOG NUMBER: P3SQAS05R709735DE010 E3SQCLDWW1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	262.6	262.6	262.6	262.6	262.6
1°	262.2	262.6	263.1	262.2	262.6
2°	261.7	262.2	262.2	261.7	262.6
3°	260.8	261.2	261.2	260.8	261.7
4°	259.4	259.8	259.8	259.4	260.3
5°	257.5	258.0	258.4	258.0	258.9
6°	255.6	256.1	256.6	256.1	256.6
7°	252.8	253.8	253.8	253.8	254.7
8°	250.0	251.0	251.4	251.0	251.9
9°	247.3	247.7	248.2	248.2	249.1
10°	244.0	244.5	244.5	244.9	245.9
11°	240.3	240.3	241.2	241.2	242.6
12°	235.6	236.1	237.0	237.5	238.4
13°	231.4	231.9	232.8	233.3	234.7
14°	226.7	227.7	228.6	229.1	230.5
15°	222.1	222.5	223.9	224.4	225.8
17.5°	209.0	209.5	211.8	212.7	214.1
20°	195.0	196.4	198.7	200.1	201.5
22.5°	180.5	181.9	184.7	187.1	188.0
25°	166.5	168.4	171.2	174.0	175.4
27.5°	152.5	154.4	157.7	160.5	162.3
30°	139.0	140.9	144.6	147.0	148.8
32.5°	126.4	128.3	132.5	134.8	136.2
35°	114.3	116.2	120.4	122.7	124.1
37.5°	103.6	105.4	109.2	111.5	112.4
40°	92.4	94.7	98.4	100.8	101.7
42.5°	83.0	84.9	88.6	90.5	91.9
45°	74.6	76.5	79.8	81.2	82.1
47.5°	67.2	68.1	70.9	71.4	72.3
50°	59.7	60.6	62.5	63.0	62.5
52.5°	52.7	53.6	55.0	54.6	54.6
55°	46.2	46.7	48.5	47.6	47.1
57.5°	39.7	40.6	42.5	41.1	40.6
60°	34.1	35.0	36.4	35.5	34.5
62.5°	28.5	28.9	31.3	29.4	28.5
65°	22.4	23.8	25.7	24.3	23.3
67.5°	16.8	19.1	21.0	19.1	18.2
70°	13.1	14.0	15.4	14.5	13.1
72.5°	9.8	10.3	10.7	9.8	8.9
75°	7.5	7.5	7.0	6.1	5.6
77.5°	5.1	5.1	4.2	2.8	2.8
80°	3.3	3.3	2.3	0.9	0.9
82.5°	1.4	1.4	0.9	0.5	0.5
85°	0.5	0.5	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1314144

CATALOG NUMBER: P3SQAS05R709735DE010 E3SQCLDWW1MB

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)