

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: P1305681

Luminaire Tested: P3SQASS05R709024DE010 E3SQCLDWW1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305681
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: P3SQASS05R709024DE010 E3SQCLDWW1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 2400K CCT AND, 90CRI , E3SQCLDWW1MW TRI
Light Source: -
Ballast/Driver: -

Summary

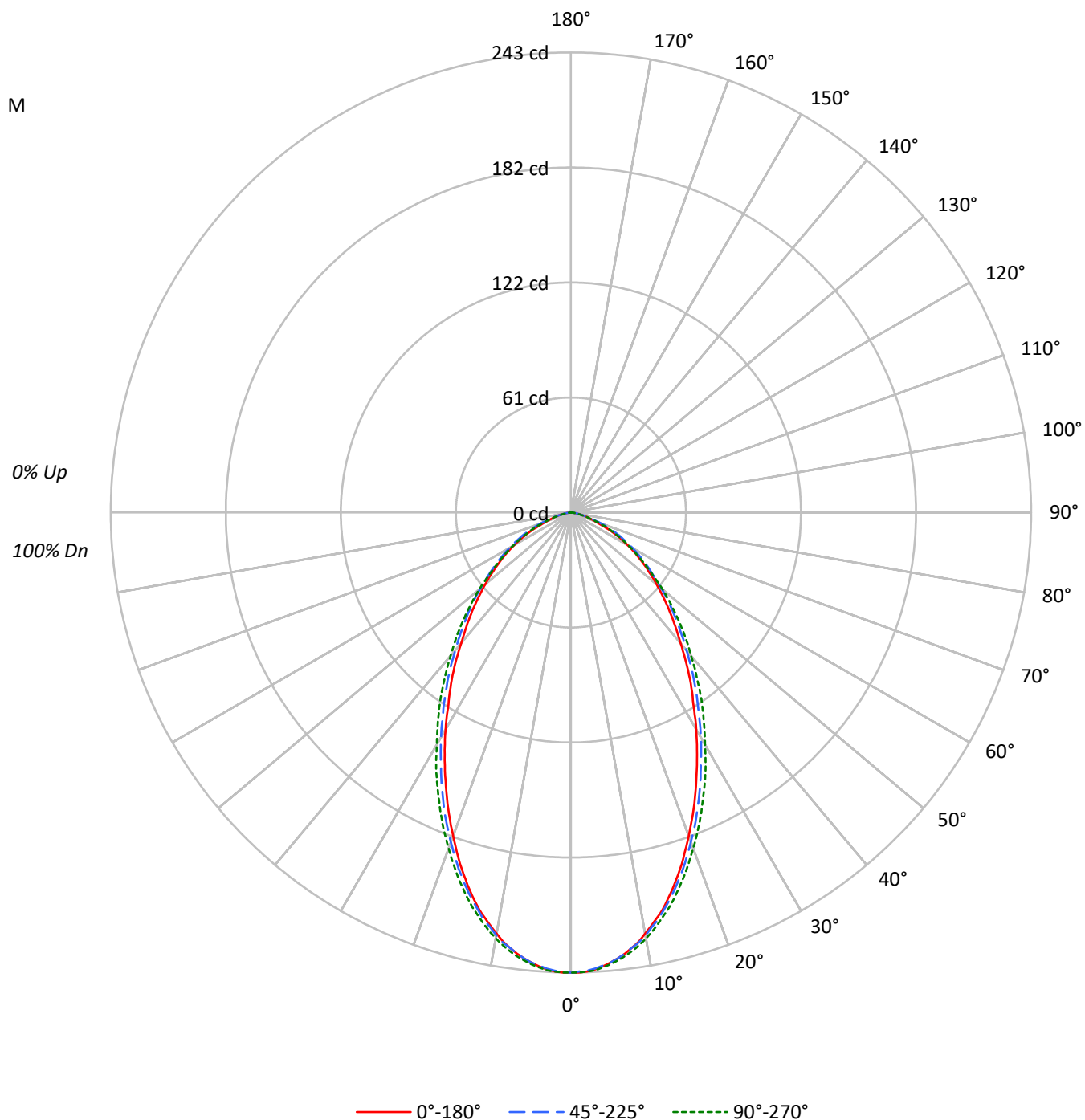
Lumens per Lamp: N/A
Luminaire Lumens: 365.0 lumens
Efficiency: N/A
Efficacy: 50.7 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1305681

CATALOG NUMBER: P3SQASS05R709024DE010 E3SQCLDWW1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1305681

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	111	107	104	101	109	105	102	99	101	98	96		97	95	93		94	92	91	89
2	103	96	91	86	101	95	89	85	91	87	83		88	84	81		85	82	80	78
3	95	87	80	75	93	85	79	74	82	77	73		80	75	71		77	74	70	68
4	89	78	71	65	87	77	70	65	75	69	64		73	67	63		71	66	62	61
5	83	71	64	58	81	70	63	58	68	62	57		67	61	57		65	60	56	54
6	77	65	58	52	75	64	57	52	63	56	51		61	55	51		60	55	51	49
7	72	60	52	47	70	59	52	47	58	51	47		57	51	46		55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	42		53	47	42		51	46	42	40
9	64	52	44	39	62	51	44	39	50	44	39		49	43	39		48	43	39	37
10	60	48	41	36	59	48	41	36	47	40	36		46	40	36		45	40	36	34

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	41867	41867	41867
5°	41267	41267	41422
10°	39505	39663	39960
15°	36819	37122	37603
20°	33319	33961	34602
25°	29758	30594	31430
30°	26330	27284	28159
35°	23190	24199	25229
40°	20234	21335	22212
45°	17950	18900	19558
50°	15835	16665	16906
55°	13902	14713	14292
60°	12021	12917	12297
65°	9536	11166	10066
70°	6899	8661	7553
75°	5257	5590	4724
80°	3471	3471	2579
85°	1778	1778	1778

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 19558 cd/sqm

TEST NUMBER: P1305681

CATALOG NUMBER: P3SQASS05R709024DE010 E3SQCLDWW1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.4	6.1
10°-20°	58.2	15.9
20°-30°	73.9	20.3
30°-40°	71.9	19.7
40°-50°	59.8	16.4
50°-60°	43.1	11.8
60°-70°	25.4	7.0
70°-80°	9.0	2.5
80°-90°	1.3	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°	154.5	42.3
0°-40°	226.4	62.0
0°-60°	329.3	90.2
0°-90°	365.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	365.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	243	243	243	243	243	
5°	239	238	239	239	240	22
15°	206	206	208	210	211	58
25°	157	158	161	164	165	72
35°	110	112	115	118	120	69
45°	74	75	78	79	80	57
55°	46	48	49	48	48	42
65°	23	25	27	26	25	23
75°	8	8	8	8	7	9
85°	1	1	1	1	1	1
90°	0	0	0	0	0	

TEST NUMBER: P1305681

CATALOG NUMBER: P3SQASS05R709024DE010 E3SQCLDWW1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	243.1	243.1	243.1	243.1	243.1
1°	243.1	242.6	242.6	242.6	243.1
2°	242.6	242.2	242.2	242.2	242.6
3°	241.8	241.3	241.3	241.3	242.2
4°	240.4	239.6	240.0	240.0	240.9
5°	238.7	238.2	238.7	238.7	239.6
6°	236.9	236.5	236.9	236.9	237.8
7°	234.7	234.3	234.7	235.1	236.0
8°	232.1	231.6	232.1	232.5	233.8
9°	229.4	229.0	229.9	230.3	231.2
10°	225.9	225.9	226.8	227.2	228.5
11°	222.4	222.4	223.2	224.1	225.4
12°	218.8	218.8	220.1	221.0	221.9
13°	215.3	214.9	216.2	217.1	218.4
14°	210.9	210.4	212.2	213.5	214.9
15°	206.5	206.5	208.2	209.6	210.9
17.5°	194.6	195.0	197.2	199.0	200.3
20°	181.8	183.1	185.3	187.5	188.8
22.5°	169.4	170.3	173.4	176.0	177.4
25°	156.6	158.4	161.0	164.1	165.4
27.5°	144.3	146.0	148.7	151.8	154.0
30°	132.4	133.7	137.2	140.3	141.6
32.5°	120.4	122.2	125.7	128.8	130.6
35°	110.3	111.6	115.1	118.2	120.0
37.5°	100.1	101.5	105.0	107.6	109.0
40°	90.0	92.2	94.9	97.5	98.8
42.5°	81.6	83.4	86.0	88.2	89.6
45°	73.7	75.0	77.6	79.4	80.3
47.5°	66.2	67.5	70.1	71.0	71.5
50°	59.1	60.4	62.2	62.6	63.1
52.5°	52.5	53.4	55.1	55.1	54.7
55°	46.3	47.6	49.0	48.5	47.6
57.5°	40.6	41.0	43.2	42.4	41.5
60°	34.9	35.7	37.5	36.6	35.7
62.5°	29.1	30.0	32.2	31.3	30.0
65°	23.4	25.1	27.4	26.0	24.7
67.5°	17.6	19.9	22.1	20.7	19.9
70°	13.7	15.4	17.2	15.9	15.0
72.5°	10.6	11.5	12.4	11.5	10.6
75°	7.9	8.4	8.4	7.5	7.1
77.5°	5.7	6.2	5.3	4.4	4.4
80°	3.5	4.0	3.5	2.6	2.6
82.5°	1.8	2.2	1.8	1.8	1.8
85°	0.9	0.9	0.9	0.9	0.9
87.5°	0.4	0.4	0.4	0.4	0.4



TEST NUMBER: P1305681

CATALOG NUMBER: P3SQASS05R709024DE010 E3SQCLDWW1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)