

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: P1305680

Luminaire Tested: P3SQAS05R709024DE010 E3SQCLDWW1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305680
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: P3SQAS05R709024DE010 E3SQCLDWW1MMS
Description: 3in Adjustable LED luminaire with, R70 optic, 2400K CCT AND, 90CRI , E3SQCLDWW1MMS TR
Light Source: -
Ballast/Driver: -

Summary

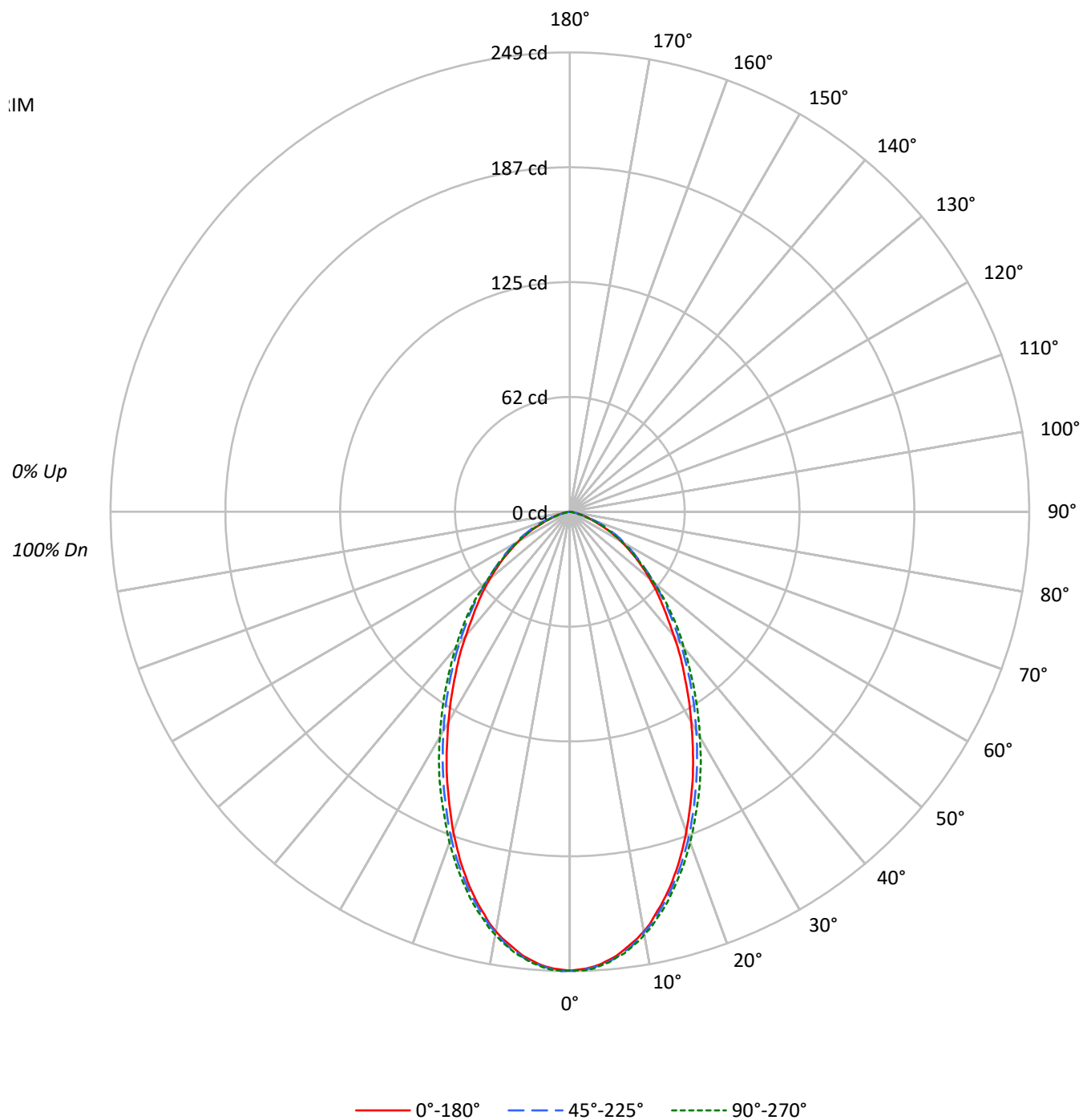
Lumens per Lamp: N/A
Luminaire Lumens: 356.0 lumens
Efficiency: N/A
Efficacy: 49.4 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 1
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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: P1305680

CATALOG NUMBER: P3SQAS05R709024DE010 E3SQCLDWW1MMS

Luminous Intensity Polar Plot



TEST NUMBER: P1305680

CATALOG NUMBER: P3SQAS05R709024DE010 E3SQCLDWW1MMS

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°	42832	42832	42832
5°	42148	42304	42373
10°	40397	40467	40712
15°	37478	37799	38120
20°	33833	34492	34969
25°	29967	30803	31563
30°	26171	27225	28020
35°	22749	23968	24704
40°	19672	20953	21650
45°	17220	18389	18925
50°	15138	15862	15862
55°	13121	13782	13392
60°	11091	11883	11263
65°	8639	9903	9006
70°	6244	7352	6244
75°	4724	4392	3527
80°	3075	2182	893
85°	790	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 18925 cd/sqm

TEST NUMBER: P1305680

CATALOG NUMBER: P3SQAS05R709024DE010 E3SQCLDWW1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.9	6.4
10°-20°	59.2	16.6
20°-30°	74.3	20.9
30°-40°	71.0	19.9
40°-50°	57.7	16.2
50°-60°	40.4	11.3
60°-70°	22.8	6.4
70°-80°	7.2	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°	156.4	43.9
0°-40°	227.4	63.9
0°-60°	325.4	91.4
0°-90°	356.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	356.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	249	249	249	249	249	
5°	244	244	245	244	245	23
15°	210	211	212	212	214	59
25°	158	160	162	165	166	72
35°	108	110	114	116	118	68
45°	71	72	76	77	78	55
55°	44	44	46	45	45	39
65°	21	22	24	23	22	21
75°	7	7	7	6	5	8
85°	0	0	0	0	0	1
90°	0	0	0	0	0	

TEST NUMBER: P1305680

CATALOG NUMBER: P3SQAS05R709024DE010 E3SQCLDWW1MMS

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	248.7	248.7	248.7	248.7	248.7
1°	248.2	248.7	249.1	248.2	248.7
2°	247.8	248.2	248.2	247.8	248.7
3°	246.9	247.3	247.3	246.9	247.8
4°	245.6	246.0	246.0	245.6	246.5
5°	243.8	244.3	244.7	244.3	245.1
6°	242.0	242.5	242.9	242.5	242.9
7°	239.4	240.3	240.3	240.3	241.2
8°	236.7	237.6	238.1	237.6	238.5
9°	234.1	234.5	235.0	235.0	235.9
10°	231.0	231.4	231.4	231.9	232.8
11°	227.5	227.5	228.4	228.4	229.7
12°	223.1	223.5	224.4	224.8	225.7
13°	219.1	219.5	220.4	220.8	222.2
14°	214.7	215.5	216.4	216.9	218.2
15°	210.2	210.7	212.0	212.5	213.8
17.5°	197.9	198.3	200.5	201.4	202.7
20°	184.6	186.0	188.2	189.5	190.8
22.5°	170.9	172.3	174.9	177.1	178.0
25°	157.7	159.5	162.1	164.8	166.1
27.5°	144.4	146.2	149.3	151.9	153.7
30°	131.6	133.4	136.9	139.1	140.9
32.5°	119.7	121.5	125.4	127.7	129.0
35°	108.2	110.0	114.0	116.2	117.5
37.5°	98.1	99.8	103.4	105.6	106.4
40°	87.5	89.7	93.2	95.4	96.3
42.5°	78.6	80.4	83.9	85.7	87.0
45°	70.7	72.4	75.5	76.9	77.7
47.5°	63.6	64.5	67.1	67.6	68.5
50°	56.5	57.4	59.2	59.6	59.2
52.5°	49.9	50.8	52.1	51.7	51.7
55°	43.7	44.2	45.9	45.1	44.6
57.5°	37.5	38.4	40.2	38.9	38.4
60°	32.2	33.1	34.5	33.6	32.7
62.5°	26.9	27.4	29.6	27.8	26.9
65°	21.2	22.5	24.3	23.0	22.1
67.5°	15.9	18.1	19.9	18.1	17.2
70°	12.4	13.3	14.6	13.7	12.4
72.5°	9.3	9.7	10.2	9.3	8.4
75°	7.1	7.1	6.6	5.7	5.3
77.5°	4.9	4.9	4.0	2.7	2.7
80°	3.1	3.1	2.2	0.9	0.9
82.5°	1.3	1.3	0.9	0.4	0.4
85°	0.4	0.4	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1305680

CATALOG NUMBER: P3SQAS05R709024DE010 E3SQCLDWW1MMS

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)