

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: P1307769

Luminaire Tested: P3SQAS05R709030DE010 E3SQCLDWW1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307769
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: P3SQAS05R709030DE010 E3SQCLDWW1MB
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3SQCLDWW1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

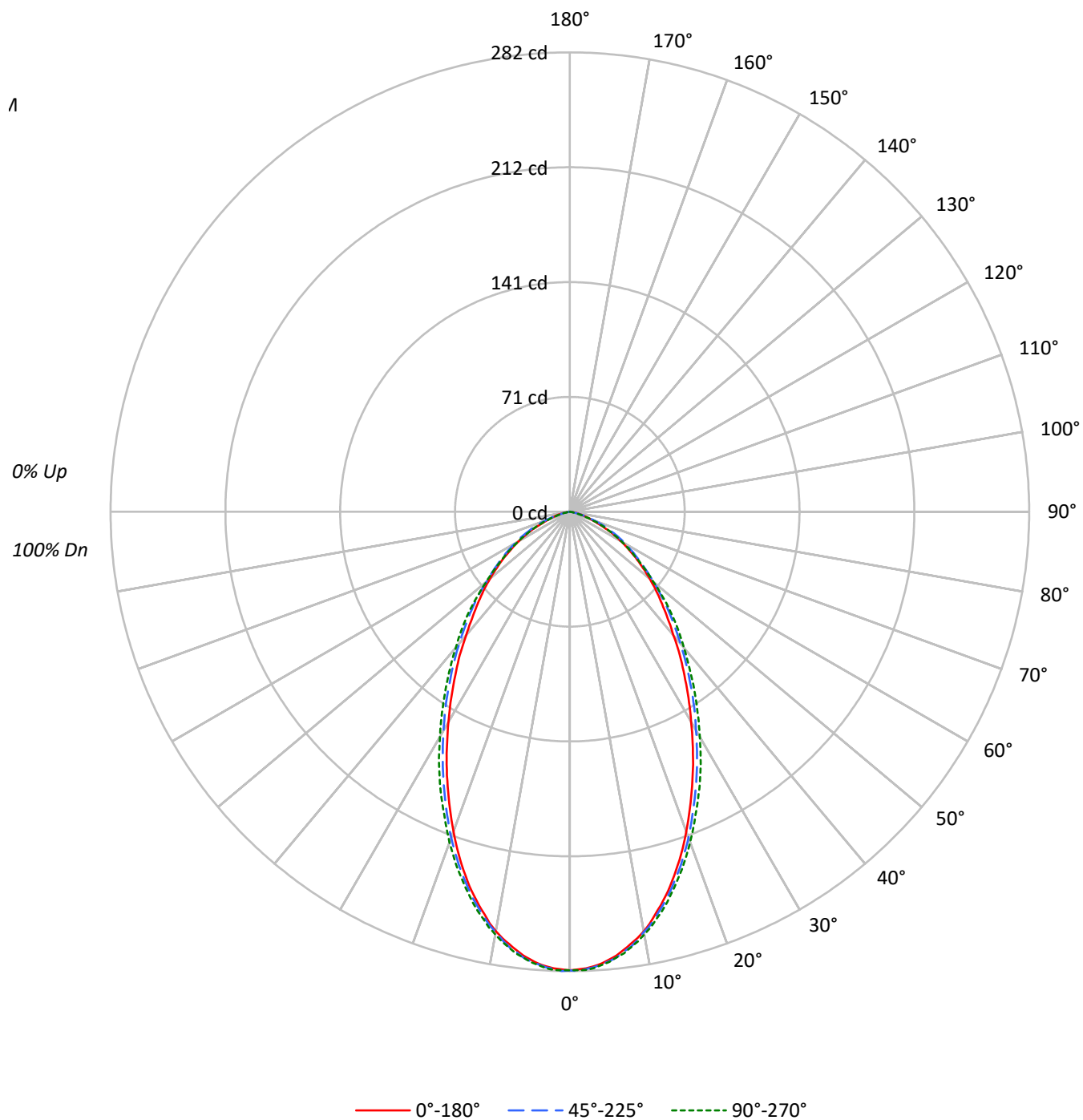
Lumens per Lamp: N/A
Luminaire Lumens: 403.0 lumens
Efficiency: N/A
Efficacy: 56.0 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 1
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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: P1307769

CATALOG NUMBER: P3SQAS05R709030DE010 E3SQCLDWW1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1307769

CATALOG NUMBER: P3SQAS05R709030DE010 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	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°	48481	48481	48481
5°	47715	47888	47974
10°	45731	45818	46081
15°	42435	42792	43148
20°	38305	39038	39588
25°	33920	34870	35725
30°	29631	30824	31719
35°	25755	27122	27963
40°	22257	23719	24505
45°	19485	20824	21433
50°	17148	17951	17951
55°	14863	15614	15163
60°	12572	13433	12744
65°	9780	11207	10188
70°	7050	8308	7050
75°	5323	4991	3993
80°	3471	2479	992
85°	988	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 21433 cd/sqm

TEST NUMBER: P1307769

CATALOG NUMBER: P3SQAS05R709030DE010 E3SQCLDWW1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.0	6.4
10°-20°	67.0	16.6
20°-30°	84.1	20.9
30°-40°	80.3	19.9
40°-50°	65.3	16.2
50°-60°	45.7	11.3
60°-70°	25.8	6.4
70°-80°	8.2	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°	177.0	43.9
0°-40°	257.4	63.9
0°-60°	368.4	91.4
0°-90°	403.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	403.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	282	282	282	282	282	
5°	276	276	277	276	278	26
15°	238	238	240	240	242	66
25°	178	180	184	186	188	82
35°	122	124	129	132	133	77
45°	80	82	86	87	88	62
55°	50	50	52	51	50	44
65°	24	26	28	26	25	24
75°	8	8	8	6	6	9
85°	0	0	0	0	0	1
90°	0	0	0	0	0	

TEST NUMBER: P1307769

CATALOG NUMBER: P3SQAS05R709030DE010 E3SQCLDWW1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	281.5	281.5	281.5	281.5	281.5
1°	281.0	281.5	282.0	281.0	281.5
2°	280.5	281.0	281.0	280.5	281.5
3°	279.5	280.0	280.0	279.5	280.5
4°	278.0	278.5	278.5	278.0	279.0
5°	276.0	276.5	277.0	276.5	277.5
6°	274.0	274.5	275.0	274.5	275.0
7°	271.0	272.0	272.0	272.0	273.0
8°	268.0	269.0	269.5	269.0	270.0
9°	265.0	265.5	266.0	266.0	267.0
10°	261.5	262.0	262.0	262.5	263.5
11°	257.5	257.5	258.5	258.5	260.0
12°	252.5	253.0	254.0	254.5	255.5
13°	248.0	248.5	249.5	250.0	251.5
14°	243.0	244.0	245.0	245.5	247.0
15°	238.0	238.5	240.0	240.5	242.0
17.5°	224.0	224.5	227.0	228.0	229.5
20°	209.0	210.5	213.0	214.5	216.0
22.5°	193.5	195.0	198.0	200.5	201.5
25°	178.5	180.5	183.5	186.5	188.0
27.5°	163.5	165.5	169.0	172.0	174.0
30°	149.0	151.0	155.0	157.5	159.5
32.5°	135.5	137.5	142.0	144.5	146.0
35°	122.5	124.5	129.0	131.5	133.0
37.5°	111.0	113.0	117.0	119.5	120.5
40°	99.0	101.5	105.5	108.0	109.0
42.5°	89.0	91.0	95.0	97.0	98.5
45°	80.0	82.0	85.5	87.0	88.0
47.5°	72.0	73.0	76.0	76.5	77.5
50°	64.0	65.0	67.0	67.5	67.0
52.5°	56.5	57.5	59.0	58.5	58.5
55°	49.5	50.0	52.0	51.0	50.5
57.5°	42.5	43.5	45.5	44.0	43.5
60°	36.5	37.5	39.0	38.0	37.0
62.5°	30.5	31.0	33.5	31.5	30.5
65°	24.0	25.5	27.5	26.0	25.0
67.5°	18.0	20.5	22.5	20.5	19.5
70°	14.0	15.0	16.5	15.5	14.0
72.5°	10.5	11.0	11.5	10.5	9.5
75°	8.0	8.0	7.5	6.5	6.0
77.5°	5.5	5.5	4.5	3.0	3.0
80°	3.5	3.5	2.5	1.0	1.0
82.5°	1.5	1.5	1.0	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: P1307769

CATALOG NUMBER: P3SQAS05R709030DE010 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)