

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: P1308794

Luminaire Tested: P3SQAS05R259035DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308794
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R259035DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

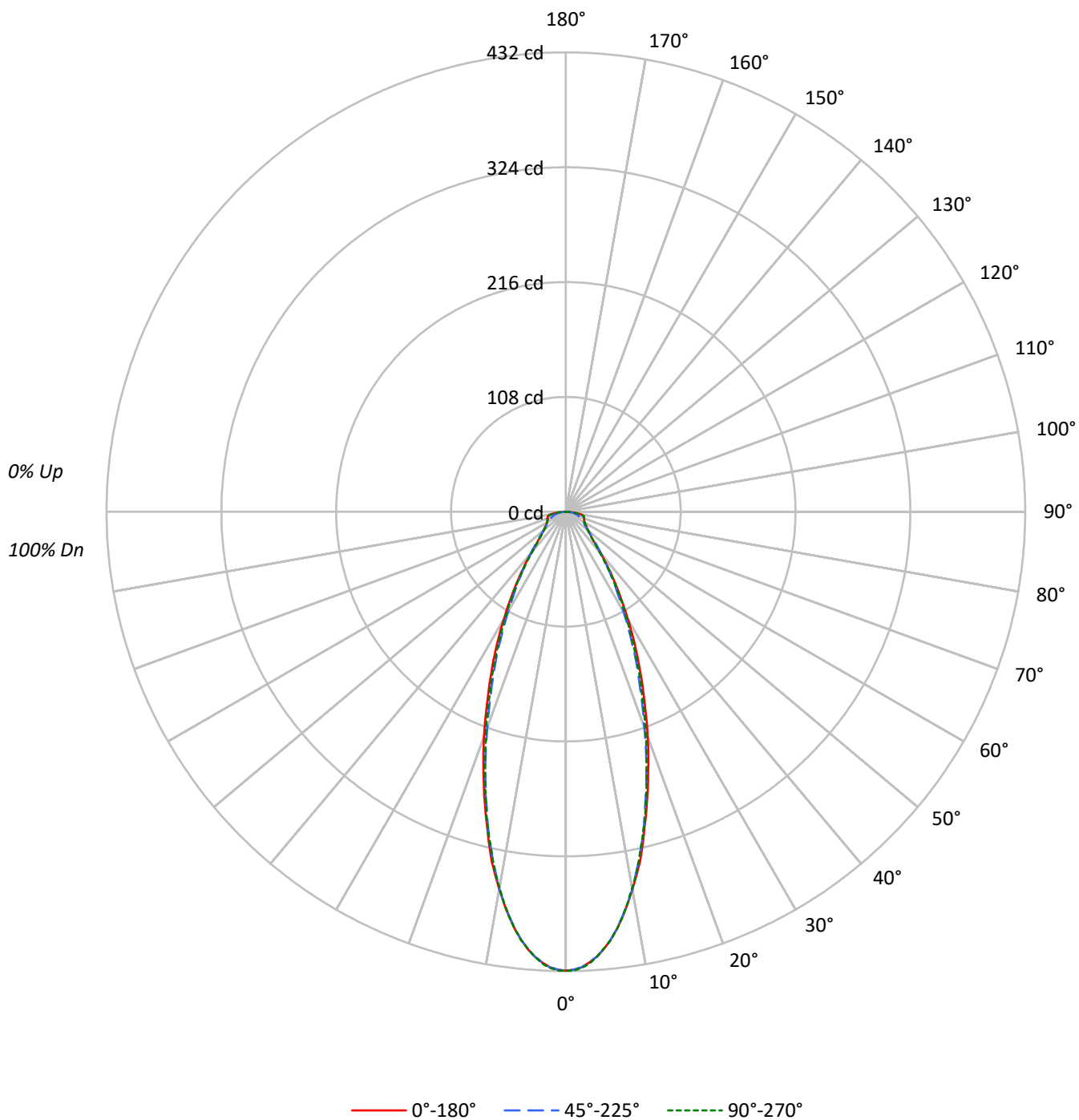
Lumens per Lamp: N/A
Luminaire Lumens: 326.0 lumens
Efficiency: N/A
Efficacy: 45.3 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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: P1308794

CATALOG NUMBER: P3SQAS05R259035DE010 E3SQPHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1308794

CATALOG NUMBER: P3SQAS05R259035DE010 E3SQPHLP1MW

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	107	104	101	109	105	102	99	101	99	96		97	95	93		94
2	104	98	92	88	102	96	91	87	93	89	85		89	86	83		87
3	98	90	83	78	95	88	82	78	85	80	76		83	79	75		80
4	92	83	76	71	90	81	75	70	79	74	69		77	72	69		75
5	87	77	70	65	85	76	69	64	74	68	64		72	67	63		70
6	82	72	65	60	80	71	64	59	69	63	59		68	62	59		66
7	78	67	60	55	76	66	60	55	65	59	55		64	58	55		62
8	74	63	56	52	72	62	56	52	61	55	51		60	55	51		59
9	70	60	53	49	69	59	53	48	58	52	48		57	52	48		56
10	67	56	50	46	66	56	50	46	55	49	46		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	74331	74331	74331
5°	71330	71244	71244
10°	63062	62974	62782
15°	52081	51332	51617
20°	41255	39551	40211
25°	31411	29758	30537
30°	23148	21517	22432
35°	16567	15810	16021
40°	11353	11578	10994
45°	8403	8914	8281
50°	7315	7315	7181
55°	6966	6636	6966
60°	7096	6579	7096
65°	7784	6724	7784
70°	9316	6748	9064
75°	11645	7187	11645
80°	14778	7637	13786
85°	12251	7114	12251

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 14778 cd/sqm

TEST NUMBER: P1308794

CATALOG NUMBER: P3SQAS05R259035DE010 E3SQPHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.7	11.6
10°-20°	80.0	24.6
20°-30°	73.3	22.5
30°-40°	48.4	14.8
40°-50°	28.2	8.6
50°-60°	20.6	6.3
60°-70°	17.5	5.4
70°-80°	14.5	4.4
80°-90°	6.0	1.8
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°	191.0	58.6
0°-40°	239.4	73.4
0°-60°	288.1	88.4
0°-90°	326.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	326.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	432	432	432	432	432	
5°	413	412	412	413	412	38
15°	292	291	288	289	290	81
25°	165	161	157	157	161	76
35°	79	77	75	75	76	50
45°	34	36	37	34	34	28
55°	23	23	22	23	23	21
65°	19	18	16	18	19	19
75°	18	13	11	13	18	18
85°	6	7	4	7	6	7
90°	0	0	0	0	0	

TEST NUMBER: P1308794

CATALOG NUMBER: P3SQAS05R259035DE010 E3SQPHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	431.6	431.6	431.6	431.6	431.6
1°	430.6	430.6	430.6	430.6	431.6
2°	428.6	428.0	428.6	428.6	429.1
3°	424.4	424.4	424.4	424.4	425.5
4°	419.3	419.3	419.3	419.3	419.3
5°	412.6	412.1	412.1	412.6	412.1
6°	404.3	404.3	404.3	404.3	404.9
7°	395.1	394.6	394.6	394.0	395.1
8°	384.3	384.3	383.7	383.2	384.3
9°	372.9	373.4	372.4	371.9	371.9
10°	360.6	360.1	360.1	360.1	359.0
11°	348.2	346.7	346.1	346.1	347.2
12°	335.8	333.3	332.2	332.2	332.2
13°	320.9	319.9	318.3	317.3	317.8
14°	306.0	306.0	303.4	303.4	304.4
15°	292.1	291.0	287.9	289.0	289.5
17.5°	257.5	255.5	251.9	251.9	252.4
20°	225.1	221.5	215.8	218.4	219.4
22.5°	193.2	189.6	183.9	186.5	187.5
25°	165.3	160.7	156.6	157.1	160.7
27.5°	140.1	135.0	130.8	132.4	134.4
30°	116.4	113.3	108.2	110.7	112.8
32.5°	96.3	93.7	90.1	91.7	93.7
35°	78.8	77.3	75.2	75.2	76.2
37.5°	63.9	63.4	62.3	61.8	61.3
40°	50.5	51.5	51.5	50.5	48.9
42.5°	41.2	42.2	43.3	41.2	39.7
45°	34.5	35.5	36.6	34.5	34.0
47.5°	30.4	30.9	31.4	30.4	29.9
50°	27.3	27.3	27.3	26.8	26.8
52.5°	25.2	24.7	24.2	24.7	24.7
55°	23.2	23.2	22.1	22.7	23.2
57.5°	21.6	21.1	20.6	21.1	21.6
60°	20.6	19.6	19.1	19.6	20.6
62.5°	19.6	18.5	17.5	18.5	19.6
65°	19.1	17.5	16.5	17.5	19.1
67.5°	18.5	16.5	14.9	16.5	18.5
70°	18.5	15.5	13.4	15.5	18.0
72.5°	18.0	14.4	12.4	14.4	18.0
75°	17.5	13.4	10.8	13.4	17.5
77.5°	17.0	12.4	9.3	12.4	16.5
80°	14.9	11.3	7.7	11.3	13.9
82.5°	10.8	9.3	6.2	9.3	10.3
85°	6.2	6.7	3.6	6.7	6.2
87.5°	1.0	1.5	1.0	2.6	2.1



TEST NUMBER: P1308794

CATALOG NUMBER: P3SQAS05R259035DE010 E3SQPHLP1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)