

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: P1251327

Luminaire Tested: P3AS05R559030DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251327
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R559030DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

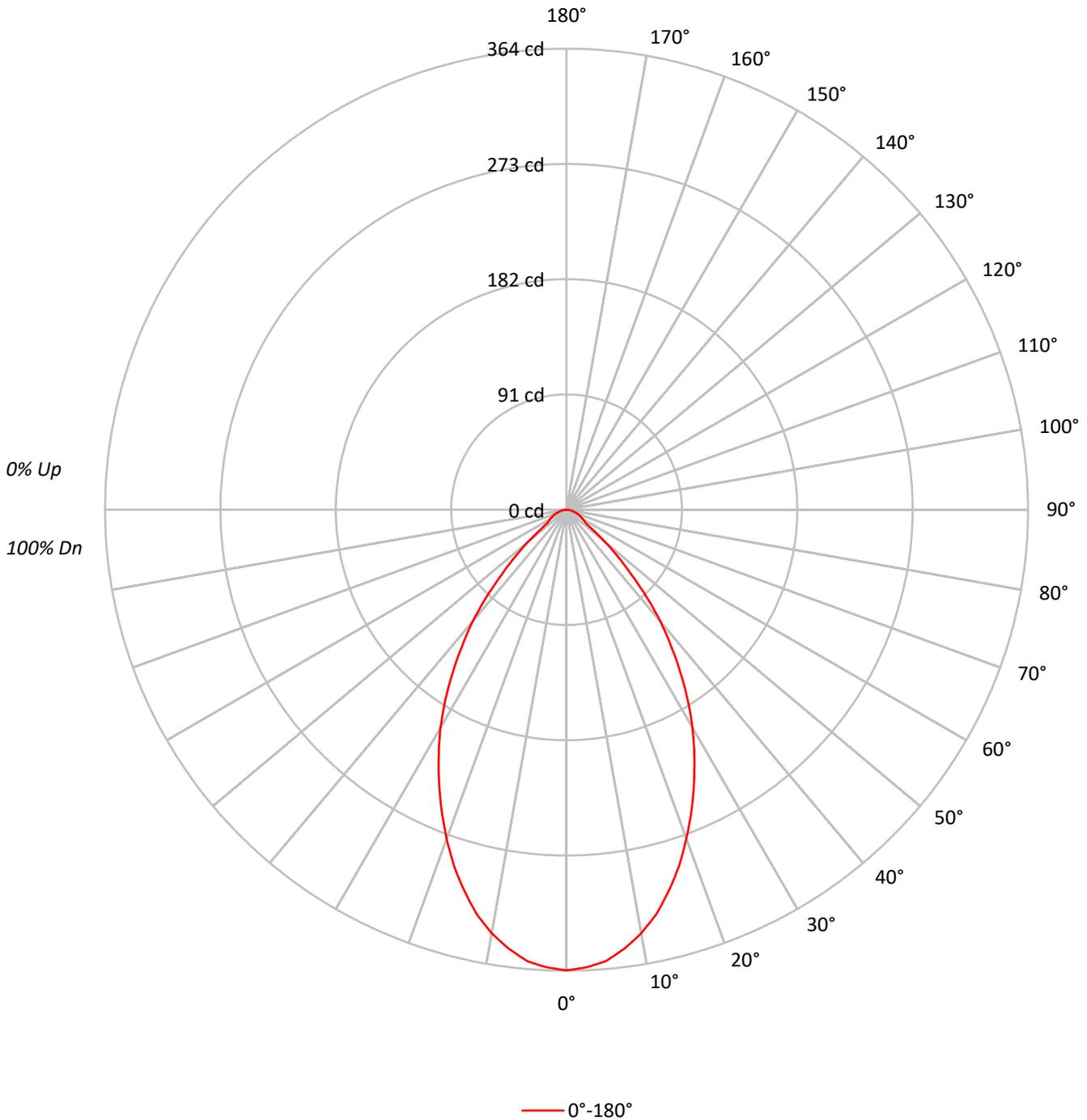
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 423.9 lumens
Efficiency: N/A
Efficacy: 58.9 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 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: P1251327
CATALOG NUMBER: P3AS05R559030DE010 E3DLD1H

Luminous Intensity Polar Plot





TEST NUMBER: P1251327
 CATALOG NUMBER: P3AS05R559030DE010 E3DLD1H

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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	112	109	106	103	110	107	104	102	103	100	98	99	97	96	95	94	93	91			91
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82			82
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74			74
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68			68
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62			62
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57			57
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52			52
8	73	62	55	51	72	62	55	51	60	55	50	59	54	50	58	53	50	48			48
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45			45
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42			42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	79730
5°	78714
10°	75594
15°	70716
20°	64499
25°	57560
30°	50337
35°	41814
40°	32976
45°	22359
50°	13680
55°	7073
60°	6578
65°	6226
70°	5770
75°	5083
80°	5051
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 22359 cd/sqm



TEST NUMBER: P1251327
 CATALOG NUMBER: P3AS05R559030DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.5	7.9
10°-20°	87.1	20.5
20°-30°	109.0	25.7
30°-40°	97.3	23.0
40°-50°	57.0	13.4
50°-60°	19.7	4.6
60°-70°	11.9	2.8
70°-80°	6.6	1.6
80°-90°	1.9	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°	229.6	54.2
0°-40°	326.9	77.1
0°-60°	403.6	95.2
0°-90°	423.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	423.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	364	
5°	358	34
15°	312	87
25°	238	109
35°	156	97
45°	72	57
55°	18	20
65°	12	12
75°	6	7
85°	2	2
90°	0	



TEST NUMBER: P1251327
CATALOG NUMBER: P3AS05R559030DE010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

	0°
0°	363.6
2.5°	361.6
5°	357.6
7.5°	349.5
10°	339.5
12.5°	327.0
15°	311.5
17.5°	295.0
20°	276.4
22.5°	257.4
25°	237.9
27.5°	218.3
30°	198.8
32.5°	177.8
35°	156.2
37.5°	135.2
40°	115.2
42.5°	93.6
45°	72.1
47.5°	55.1
50°	40.1
52.5°	26.0
55°	18.5
57.5°	16.5
60°	15.0
62.5°	13.5
65°	12.0
67.5°	10.5
70°	9.0
72.5°	7.5
75°	6.0
77.5°	5.0
80°	4.0
82.5°	2.5
85°	1.5
87.5°	1.0
90°	0.0

(END OF REPORT)