

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: P1248620

Luminaire Tested: P3AS05R559027DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248620
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: P3AS05R559027DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

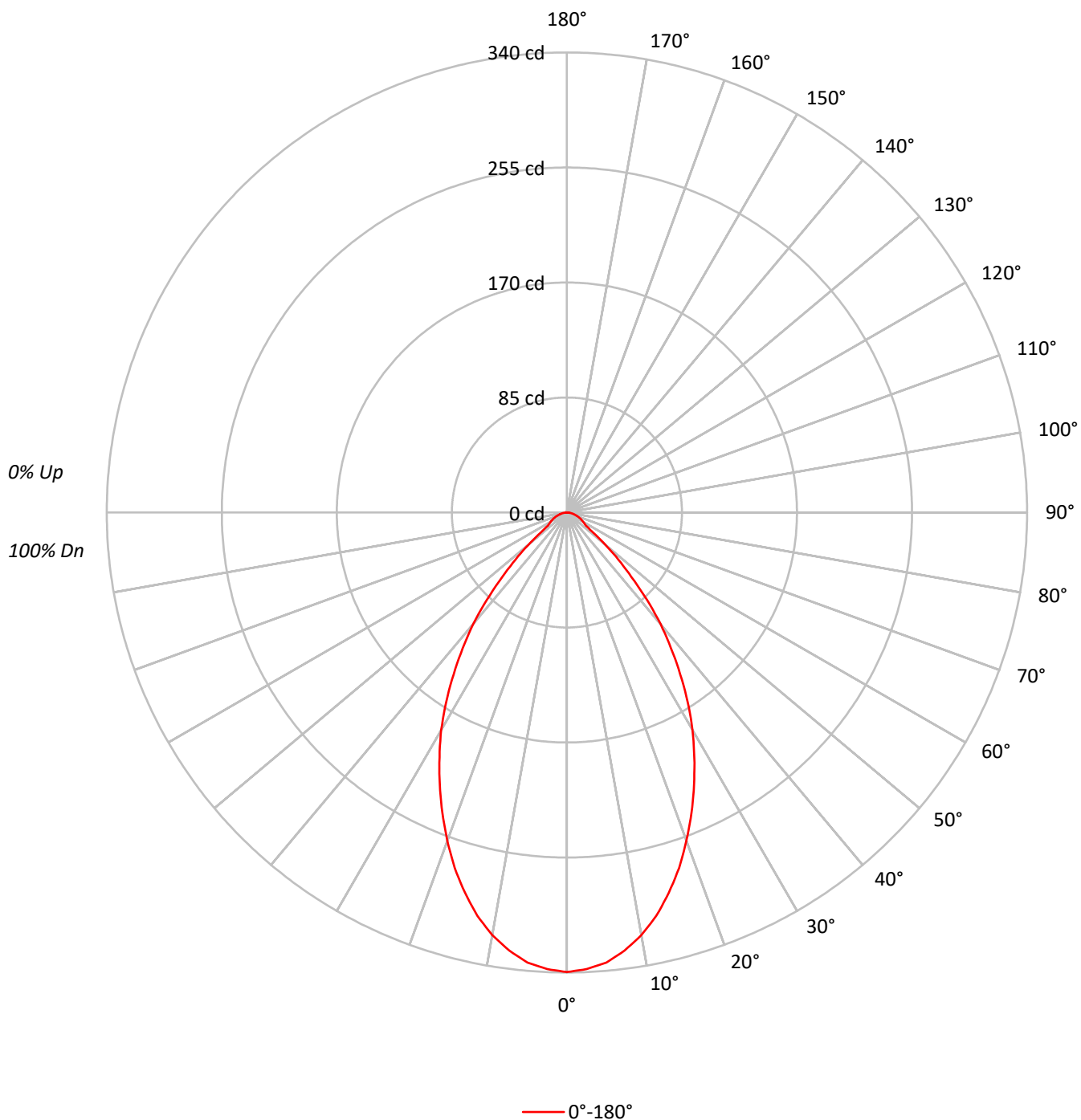
Lumens per Lamp: N/A
Luminaire Lumens: 395.9 lumens
Efficiency: N/A
Efficacy: 55.0 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	74468
5°	73497
10°	70607
15°	66039
20°	60252
25°	53761
30°	47020
35°	39056
40°	30801
45°	20901
50°	12759
55°	6614
60°	6140
65°	5811
70°	5386
75°	4745
80°	4672
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20901 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.3	7.9
10°-20°	81.3	20.5
20°-30°	101.8	25.7
30°-40°	90.9	23.0
40°-50°	53.2	13.4
50°-60°	18.4	4.6
60°-70°	11.1	2.8
70°-80°	6.2	1.6
80°-90°	1.8	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°	214.5	54.2
0°-40°	305.3	77.1
0°-60°	376.9	95.2
0°-90°	395.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	395.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	340	
5°	334	31
15°	291	81
25°	222	102
35°	146	91
45°	67	53
55°	17	18
65°	11	11
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	339.6
2.5°	337.7
5°	333.9
7.5°	326.5
10°	317.1
12.5°	305.4
15°	290.9
17.5°	275.5
20°	258.2
22.5°	240.4
25°	222.2
27.5°	203.9
30°	185.7
32.5°	166.0
35°	145.9
37.5°	126.3
40°	107.6
42.5°	87.5
45°	67.4
47.5°	51.4
50°	37.4
52.5°	24.3
55°	17.3
57.5°	15.4
60°	14.0
62.5°	12.6
65°	11.2
67.5°	9.8
70°	8.4
72.5°	7.0
75°	5.6
77.5°	4.7
80°	3.7
82.5°	2.3
85°	1.4
87.5°	0.9
90°	0.0

(END OF REPORT)