

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: P1286588

Luminaire Tested: P3AS05R559030D2WDE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286588
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: P3AS05R559030D2WDE010 E3DLD1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

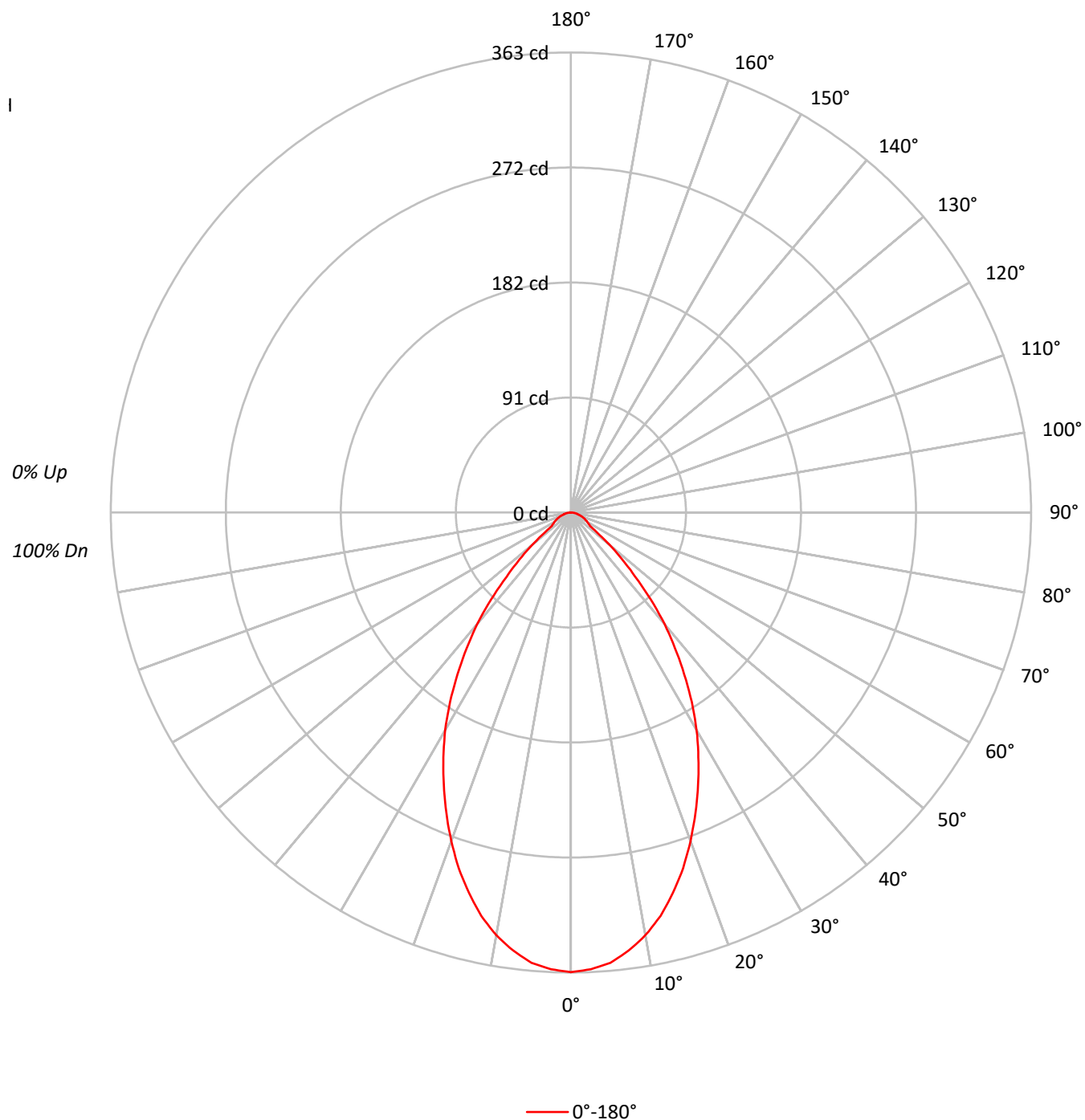
Lumens per Lamp: N/A
Luminaire Lumens: 423.0 lumens
Efficiency: N/A
Efficacy: 38.1 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	95		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	54	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°	79533
5°	78516
10°	75416
15°	70534
20°	64359
25°	57415
30°	50210
35°	41733
40°	32890
45°	22297
50°	13646
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: 22297 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.5	7.9
10°-20°	86.9	20.5
20°-30°	108.8	25.7
30°-40°	97.1	23.0
40°-50°	56.8	13.4
50°-60°	19.7	4.6
60°-70°	11.9	2.8
70°-80°	6.6	1.6
80°-90°	1.9	0.5
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°	229.1	54.1
0°-40°	326.2	77.1
0°-60°	402.7	95.2
0°-90°	423.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	423.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	363	
5°	357	33
15°	311	87
25°	237	109
35°	156	97
45°	72	57
55°	18	20
65°	12	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	362.7
2.5°	360.7
5°	356.7
7.5°	348.7
10°	338.7
12.5°	326.2
15°	310.7
17.5°	294.3
20°	275.8
22.5°	256.8
25°	237.3
27.5°	217.8
30°	198.3
32.5°	177.4
35°	155.9
37.5°	134.9
40°	114.9
42.5°	93.4
45°	71.9
47.5°	55.0
50°	40.0
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)