

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: P1286578

Luminaire Tested: P3AS05R559030D2WDE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286578
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-36)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R559030D2WDE010 E3D1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3D1MM TRIM
Light Source: -
Ballast/Driver: -

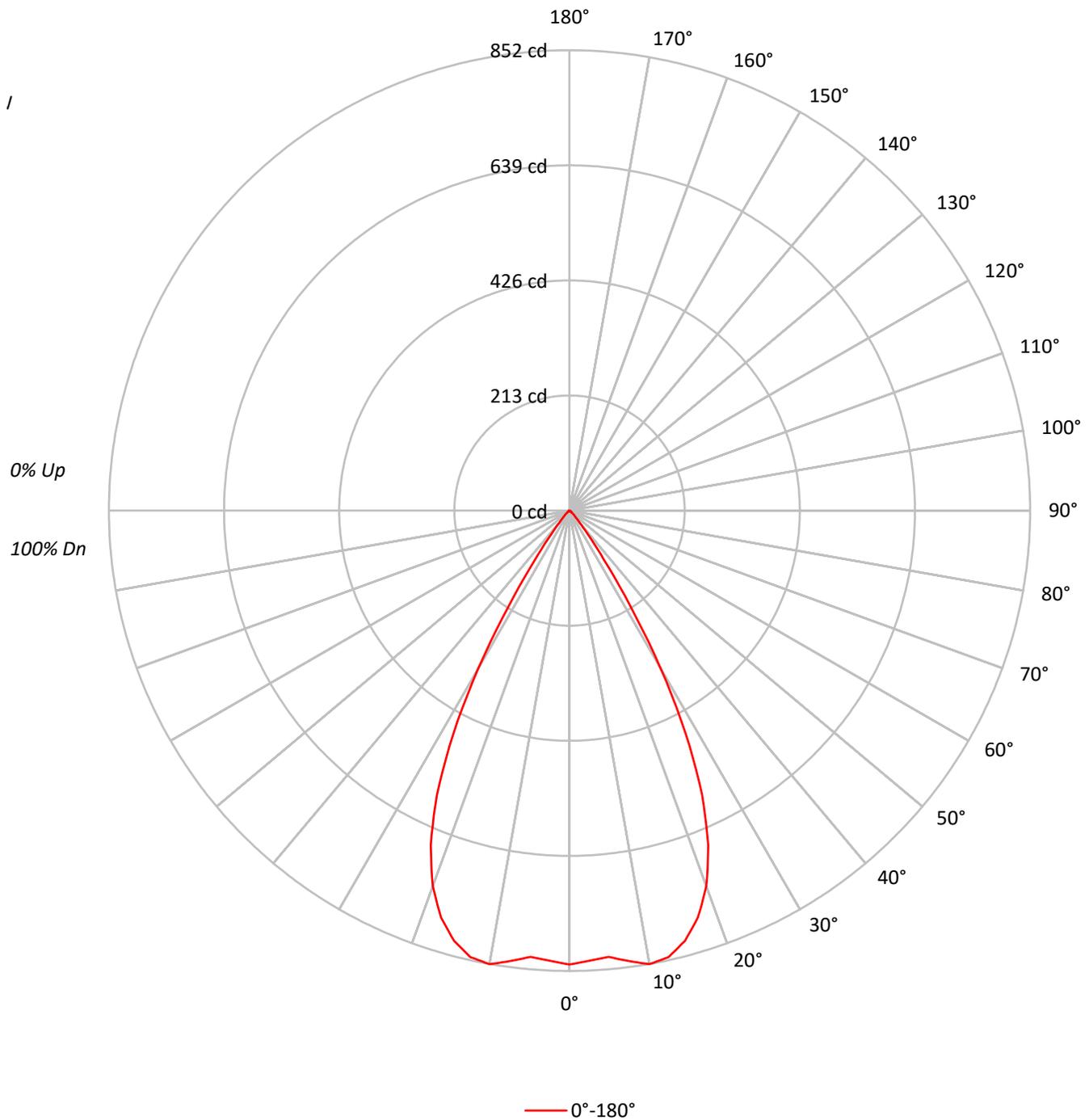
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 664.0 lumens
Efficiency: N/A
Efficacy: 59.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.82
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				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	114	111	109	107	112	109	107	105	105	104	102	101	100	99	98	97	96	94				94
2	109	104	101	98	107	103	99	96	100	97	94	97	94	92	94	92	90	89				89
3	104	98	94	90	102	97	93	89	94	91	88	92	89	86	90	87	85	84				84
4	99	92	87	84	98	91	87	83	89	85	82	87	84	81	85	83	80	79				79
5	95	87	82	78	93	86	81	78	85	80	77	83	79	76	82	78	76	74				74
6	91	83	77	73	89	82	77	73	80	76	72	79	75	72	78	74	72	70				70
7	87	78	73	69	85	78	72	69	76	72	68	75	71	68	74	70	68	66				66
8	83	74	69	65	82	74	68	65	73	68	65	72	67	64	71	67	64	63				63
9	79	71	65	61	78	70	65	61	69	64	61	68	64	61	68	64	61	60				60
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57				57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	184174
5°	182456
10°	189776
15°	187152
20°	172588
25°	140427
30°	85279
35°	29526
40°	8416
45°	4031
50°	1706
55°	765
60°	877
65°	778
70°	641
75°	847
80°	631
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4031 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.1	12.1
10°-20°	229.1	34.5
20°-30°	255.4	38.5
30°-40°	83.6	12.6
40°-50°	11.0	1.7
50°-60°	2.3	0.4
60°-70°	1.4	0.2
70°-80°	0.9	0.1
80°-90°	0.2	0.0
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°	564.7	85.0
0°-40°	648.3	97.6
0°-60°	661.6	99.6
0°-90°	664.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	664.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	840	
5°	829	80
15°	824	229
25°	580	255
35°	110	84
45°	13	11
55°	2	2
65°	2	1
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	839.9
2.5°	833.9
5°	828.9
7.5°	840.9
10°	852.3
12.5°	846.3
15°	824.4
17.5°	789.5
20°	739.6
22.5°	670.7
25°	580.4
27.5°	465.6
30°	336.8
32.5°	206.6
35°	110.3
37.5°	55.9
40°	29.4
42.5°	19.0
45°	13.0
47.5°	9.0
50°	5.0
52.5°	3.0
55°	2.0
57.5°	2.0
60°	2.0
62.5°	1.5
65°	1.5
67.5°	1.0
70°	1.0
72.5°	1.0
75°	1.0
77.5°	0.5
80°	0.5
82.5°	0.5
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)