

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: P1286526

Luminaire Tested: P3AS05R459030D2WDE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286526
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R459030D2WDE010 E3DL1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DL1M
TRIM
Light Source: -
Ballast/Driver: -

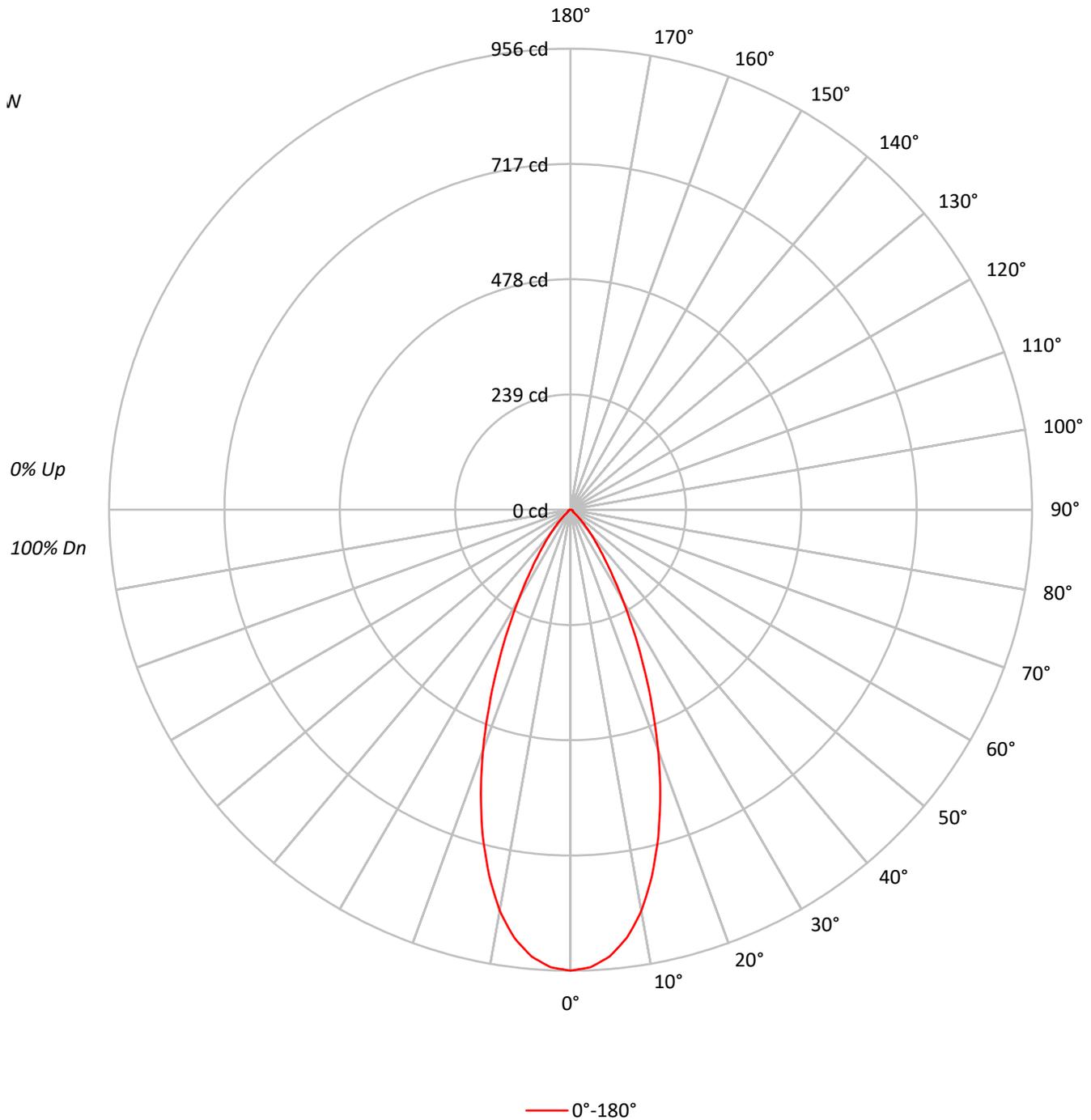
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 558.0 lumens
Efficiency: N/A
Efficacy: 50.3 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
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	111	109	107	105	105	103	102	101	100	99	98	97	96	94				94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88				88
3	104	98	93	89	102	96	92	88	94	90	87	91	88	86	89	86	84	83				83
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78				78
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74				74
6	90	82	76	73	89	81	76	72	80	75	72	78	74	71	77	74	71	70				70
7	86	78	72	68	85	77	72	68	76	71	68	75	71	67	74	70	67	66				66
8	83	74	68	65	82	73	68	64	72	68	64	71	67	64	70	67	64	62				62
9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	63	61	59				59
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°	209545
5°	204644
10°	188106
15°	159388
20°	123677
25°	86449
30°	54464
35°	32070
40°	18148
45°	8807
50°	3070
55°	2485
60°	2412
65°	2335
70°	2244
75°	2118
80°	1894
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8807 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.1	15.4
10°-20°	192.8	34.6
20°-30°	163.7	29.3
30°-40°	78.1	14.0
40°-50°	23.5	4.2
50°-60°	6.0	1.1
60°-70°	4.5	0.8
70°-80°	2.6	0.5
80°-90°	0.7	0.1
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°	442.6	79.3
0°-40°	520.7	93.3
0°-60°	550.2	98.6
0°-90°	558.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	558.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	956	
5°	930	86
15°	702	193
25°	357	164
35°	120	78
45°	28	24
55°	6	6
65°	4	4
75°	2	3
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	955.6
2.5°	949.6
5°	929.7
7.5°	895.2
10°	844.8
12.5°	778.0
15°	702.1
17.5°	617.8
20°	530.0
22.5°	440.6
25°	357.3
27.5°	281.4
30°	215.1
32.5°	161.7
35°	119.8
37.5°	88.3
40°	63.4
42.5°	43.9
45°	28.4
47.5°	16.0
50°	9.0
52.5°	7.0
55°	6.5
57.5°	6.0
60°	5.5
62.5°	5.0
65°	4.5
67.5°	4.0
70°	3.5
72.5°	3.0
75°	2.5
77.5°	2.0
80°	1.5
82.5°	1.0
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)