

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: P1271493

Luminaire Tested: P3AS05R709827DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271493
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R709827DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 98CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

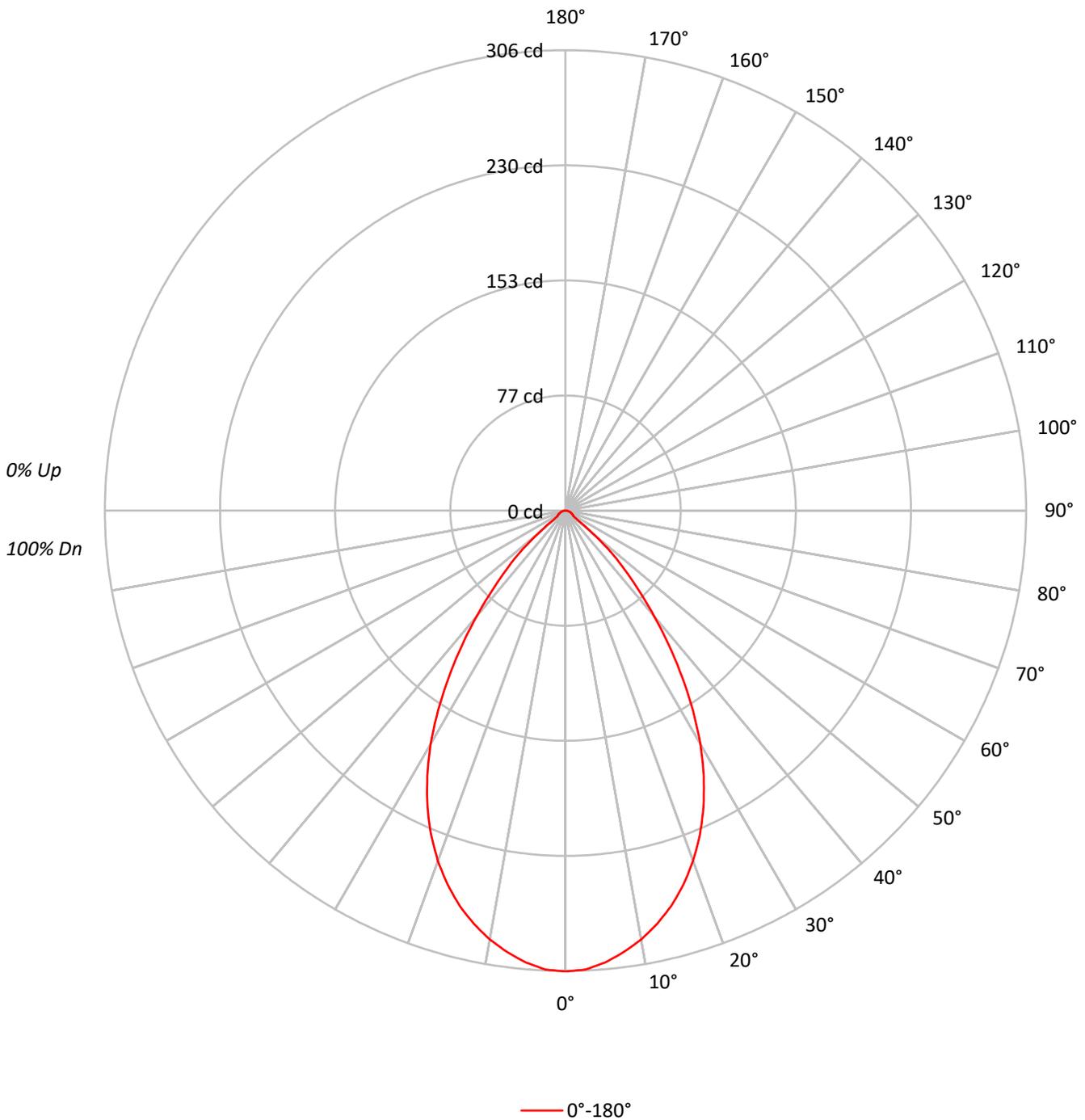
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 347.0 lumens
Efficiency: N/A
Efficacy: 48.2 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
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			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	100	100
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92	92	92	92
2	106	101	96	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84	84	84	84
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	79	77	77	77	77
4	94	86	80	75	93	85	79	75	83	78	74	81	76	73	79	75	72	70	70	70	70
5	89	80	73	69	87	79	73	68	77	72	68	75	71	67	74	70	66	65	65	65	65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60	60	60	60
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	75	65	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51	51	51	51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48	48	48	48
10	67	57	50	46	66	56	50	46	55	50	46	55	49	46	54	49	46	44	44	44	44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	67166
5°	66366
10°	64461
15°	61726
20°	57825
25°	52527
30°	45374
35°	36165
40°	26335
45°	17304
50°	8119
55°	2485
60°	2412
65°	2335
70°	2180
75°	2372
80°	2147
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 17304 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.4	8.2
10°-20°	76.1	21.9
20°-30°	98.9	28.5
30°-40°	83.9	24.2
40°-50°	43.3	12.5
50°-60°	8.3	2.4
60°-70°	4.5	1.3
70°-80°	2.8	0.8
80°-90°	0.8	0.2
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°	203.4	58.6
0°-40°	287.3	82.8
0°-60°	338.9	97.7
0°-90°	347.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	347.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	306	
5°	302	28
15°	272	76
25°	217	99
35°	135	84
45°	56	43
55°	6	8
65°	4	5
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	306.3
2.5°	305.3
5°	301.5
7.5°	296.0
10°	289.5
12.5°	281.2
15°	271.9
17.5°	260.5
20°	247.8
22.5°	233.3
25°	217.1
27.5°	198.8
30°	179.2
32.5°	157.5
35°	135.1
37.5°	113.0
40°	92.0
42.5°	72.4
45°	55.8
47.5°	41.0
50°	23.8
52.5°	10.3
55°	6.5
57.5°	6.2
60°	5.5
62.5°	5.2
65°	4.5
67.5°	4.1
70°	3.4
72.5°	3.1
75°	2.8
77.5°	2.1
80°	1.7
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)