

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: P1261989

Luminaire Tested: P3AS05R459727DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261989
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R459727DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

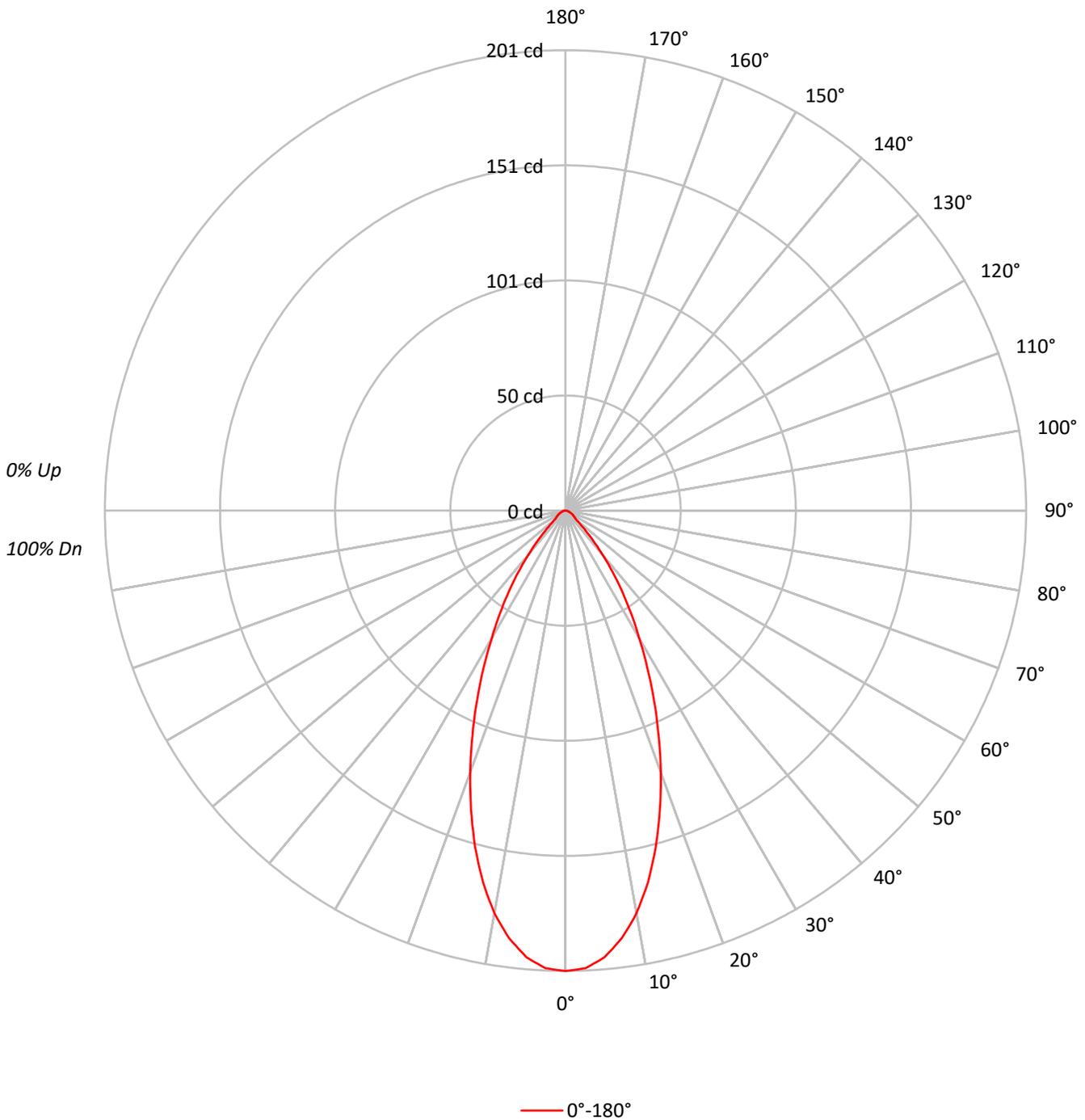
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 148.0 lumens
Efficiency: N/A
Efficacy: 20.5 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
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				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	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93				93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86				86
3	102	95	90	86	100	93	89	85	91	87	83	88	85	82	86	83	81	79				79
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74				74
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69				69
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64				64
7	83	73	67	63	81	72	67	63	71	66	62	70	65	62	69	65	62	60				60
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56				56
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53				53
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50				50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	44075
5°	43077
10°	39745
15°	34552
20°	28376
25°	22090
30°	16306
35°	11484
40°	7156
45°	3876
50°	2115
55°	1797
60°	1623
65°	1401
70°	1154
75°	1186
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3876 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.1	12.2
10°-20°	42.1	28.4
20°-30°	41.8	28.2
30°-40°	26.9	18.2
40°-50°	10.4	7.0
50°-60°	4.2	2.8
60°-70°	2.7	1.8
70°-80°	1.4	0.9
80°-90°	0.4	0.3
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°	102.0	68.9
0°-40°	128.9	87.1
0°-60°	143.4	96.9
0°-90°	148.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	148.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	201	
5°	196	18
15°	152	42
25°	91	42
35°	43	27
45°	12	10
55°	5	4
65°	3	3
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	201.0
2.5°	200.0
5°	195.7
7.5°	188.3
10°	178.5
12.5°	166.2
15°	152.2
17.5°	137.0
20°	121.6
22.5°	106.1
25°	91.3
27.5°	77.3
30°	64.4
32.5°	53.1
35°	42.9
37.5°	33.6
40°	25.0
42.5°	18.1
45°	12.5
47.5°	8.4
50°	6.2
52.5°	5.1
55°	4.7
57.5°	4.1
60°	3.7
62.5°	3.1
65°	2.7
67.5°	2.3
70°	1.8
72.5°	1.6
75°	1.4
77.5°	1.0
80°	0.8
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)