

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: P1272184

Luminaire Tested: P3AS13R709827DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272184
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R709827DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

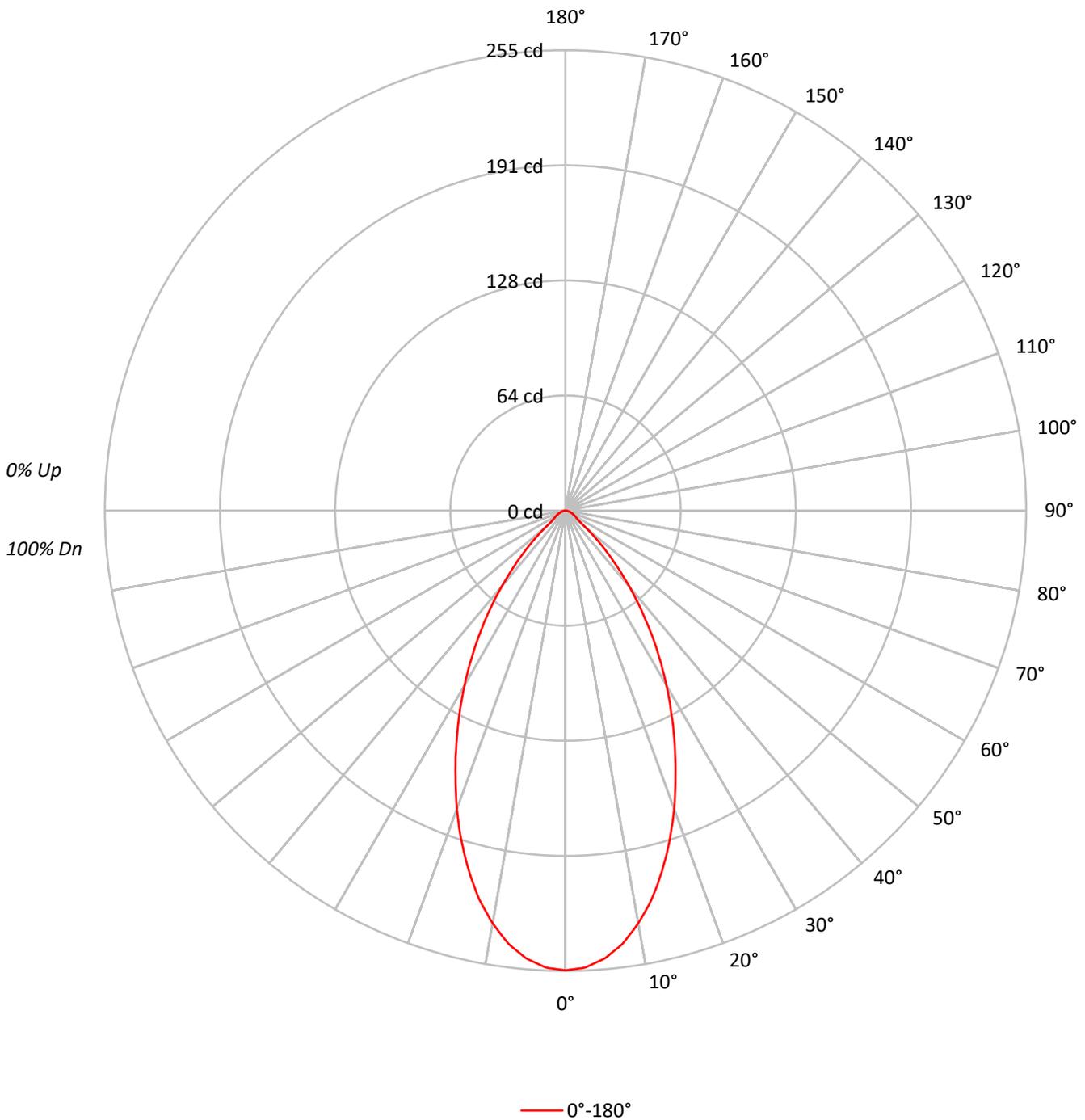
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 238.0 lumens
Efficiency: N/A
Efficacy: 16.4 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92				92
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84				84
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77				77
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71				71
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65				65
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62	61				61
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56				56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	58	52	48	67	58	52	48	57	51	48	56	51	48	55	51	47	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	55829
5°	54809
10°	51680
15°	46902
20°	41024
25°	34599
30°	28333
35°	21978
40°	15744
45°	9955
50°	4981
55°	3020
60°	2631
65°	2387
70°	2116
75°	1949
80°	1642
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9955 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.2	9.8
10°-20°	57.5	24.2
20°-30°	65.5	27.5
30°-40°	51.2	21.5
40°-50°	25.1	10.6
50°-60°	7.7	3.3
60°-70°	4.6	1.9
70°-80°	2.4	1.0
80°-90°	0.7	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°	146.2	61.4
0°-40°	197.4	82.9
0°-60°	230.3	96.8
0°-90°	238.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	238.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	255	
5°	249	23
15°	207	57
25°	143	65
35°	82	51
45°	32	25
55°	8	8
65°	5	5
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	254.6
2.5°	253.3
5°	249.0
7.5°	242.0
10°	232.1
12.5°	220.5
15°	206.6
17.5°	191.7
20°	175.8
22.5°	159.2
25°	143.0
27.5°	127.1
30°	111.9
32.5°	96.7
35°	82.1
37.5°	68.2
40°	55.0
42.5°	42.7
45°	32.1
47.5°	22.5
50°	14.6
52.5°	9.6
55°	7.9
57.5°	7.0
60°	6.0
62.5°	5.3
65°	4.6
67.5°	4.0
70°	3.3
72.5°	2.6
75°	2.3
77.5°	2.0
80°	1.3
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)