

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: P1257608

Luminaire Tested: P3AS13R709040DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257608
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: P3AS13R709040DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

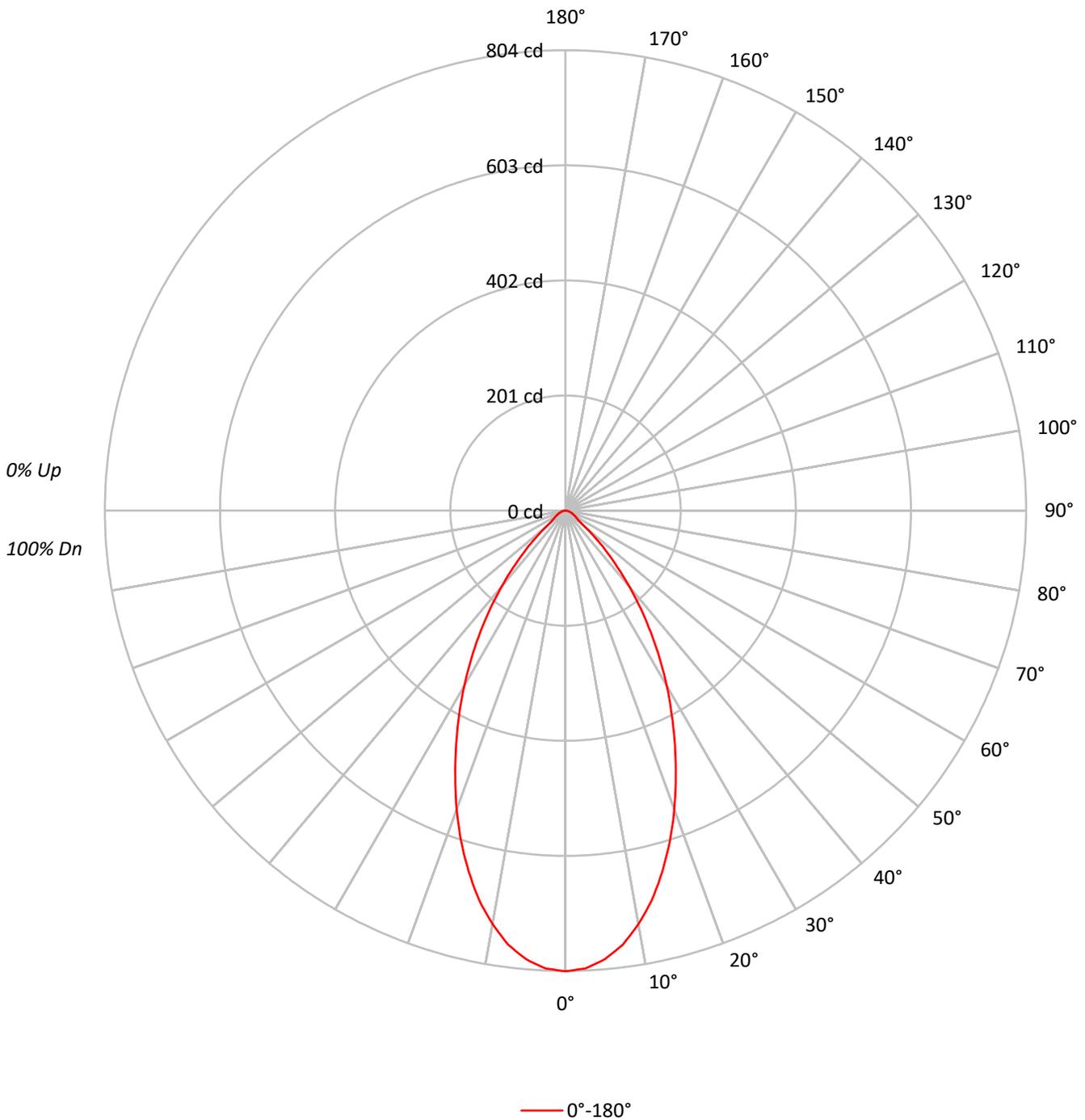
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 752.0 lumens
Efficiency: N/A
Efficacy: 51.5 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): 14.6
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	97	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	83	89	85	81	87	83	80	84	81	79	77	77	77	77
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71	71	71	71
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65	65	65	65
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62	61	61	61	61
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56	56	56	56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52	52	52	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49	49	49	49
10	69	58	52	48	67	58	52	48	57	51	48	56	51	48	55	51	47	46	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	176389
5°	173145
10°	163279
15°	148173
20°	129605
25°	109337
30°	89533
35°	69439
40°	49693
45°	31476
50°	15692
55°	9596
60°	8245
65°	7575
70°	6732
75°	6185
80°	5304
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 31476 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.4	9.8
10°-20°	181.6	24.2
20°-30°	206.8	27.5
30°-40°	161.7	21.5
40°-50°	79.4	10.6
50°-60°	24.4	3.2
60°-70°	14.5	1.9
70°-80°	7.7	1.0
80°-90°	2.3	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°	461.9	61.4
0°-40°	623.6	82.9
0°-60°	727.5	96.7
0°-90°	752.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	752.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	804	
5°	787	73
15°	653	182
25°	452	207
35°	259	162
45°	102	79
55°	25	24
65°	15	14
75°	7	8
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	804.4
2.5°	800.2
5°	786.6
7.5°	764.7
10°	733.3
12.5°	696.7
15°	652.7
17.5°	605.7
20°	555.4
22.5°	503.1
25°	451.9
27.5°	401.7
30°	353.6
32.5°	305.4
35°	259.4
37.5°	215.5
40°	173.6
42.5°	134.9
45°	101.5
47.5°	71.1
50°	46.0
52.5°	30.3
55°	25.1
57.5°	22.0
60°	18.8
62.5°	16.7
65°	14.6
67.5°	12.6
70°	10.5
72.5°	8.4
75°	7.3
77.5°	6.3
80°	4.2
82.5°	3.1
85°	2.1
87.5°	1.0
90°	0.0

(END OF REPORT)