

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: P1252049

Luminaire Tested: P3AS13R459030DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252049
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: P3AS13R459030DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

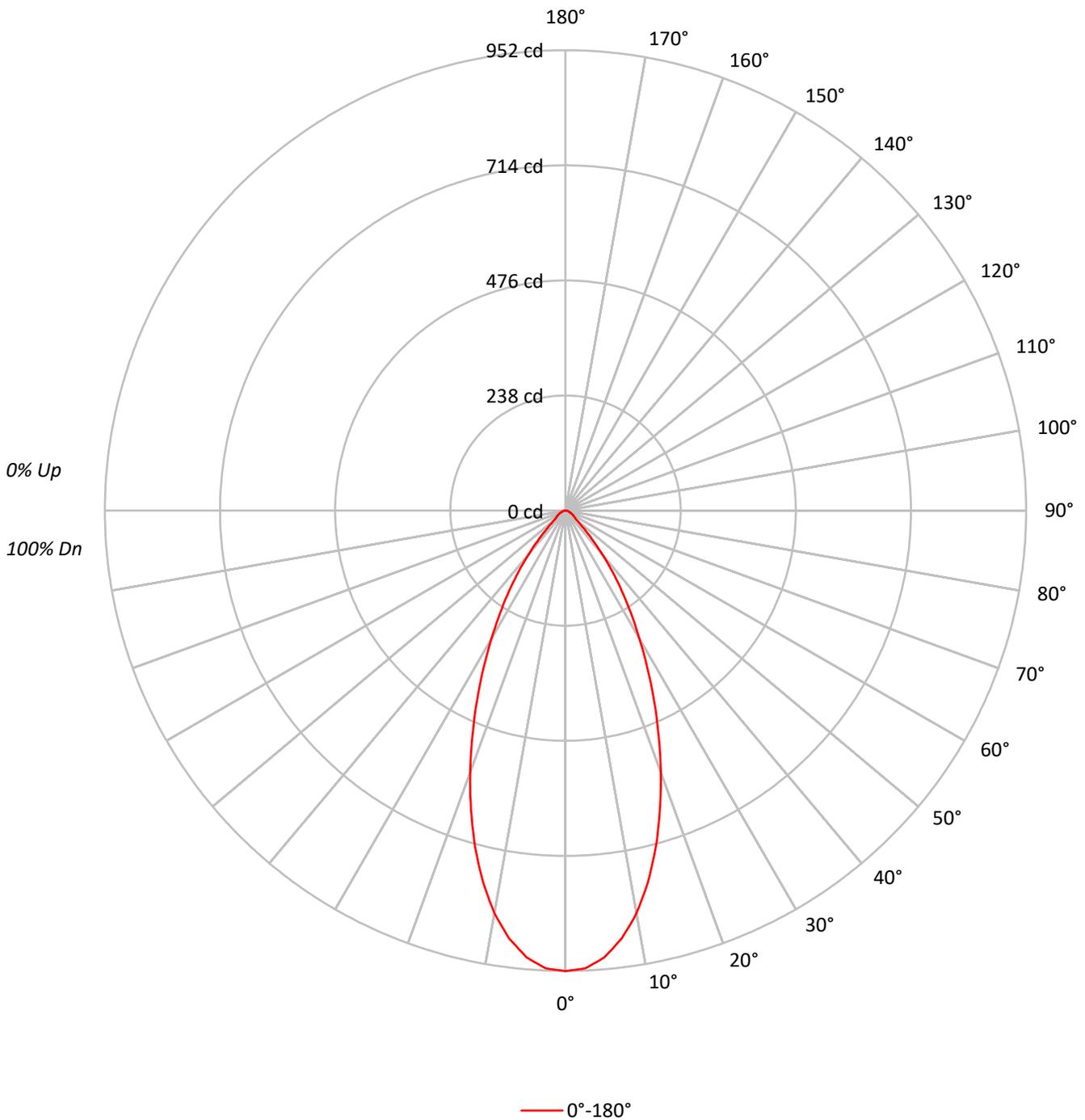
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 701.0 lumens
Efficiency: N/A
Efficacy: 48.0 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): 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
1	113	110	107	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	85	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	61	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°	208799
5°	204028
10°	188217
15°	163679
20°	134458
25°	104619
30°	77252
35°	54368
40°	33921
45°	18390
50°	9927
55°	8525
60°	7675
65°	6538
70°	5578
75°	5761
80°	4925
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 18390 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.8	12.2
10°-20°	199.3	28.4
20°-30°	197.9	28.2
30°-40°	127.4	18.2
40°-50°	49.1	7.0
50°-60°	19.9	2.8
60°-70°	12.6	1.8
70°-80°	6.8	1.0
80°-90°	2.1	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°	483.0	68.9
0°-40°	610.5	87.1
0°-60°	679.5	96.9
0°-90°	701.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	701.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	952	
5°	927	86
15°	721	199
25°	432	198
35°	203	127
45°	59	49
55°	22	20
65°	13	13
75°	7	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	952.2
2.5°	947.3
5°	926.9
7.5°	892.0
10°	845.3
12.5°	787.0
15°	721.0
17.5°	649.1
20°	576.2
22.5°	502.3
25°	432.4
27.5°	366.3
30°	305.1
32.5°	251.7
35°	203.1
37.5°	159.3
40°	118.5
42.5°	85.5
45°	59.3
47.5°	39.8
50°	29.1
52.5°	24.3
55°	22.3
57.5°	19.4
60°	17.5
62.5°	14.6
65°	12.6
67.5°	10.7
70°	8.7
72.5°	7.8
75°	6.8
77.5°	4.9
80°	3.9
82.5°	2.9
85°	1.9
87.5°	1.0
90°	0.0

(END OF REPORT)