

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: P1257466

Luminaire Tested: P3AS13R459040DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257466
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R459040DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

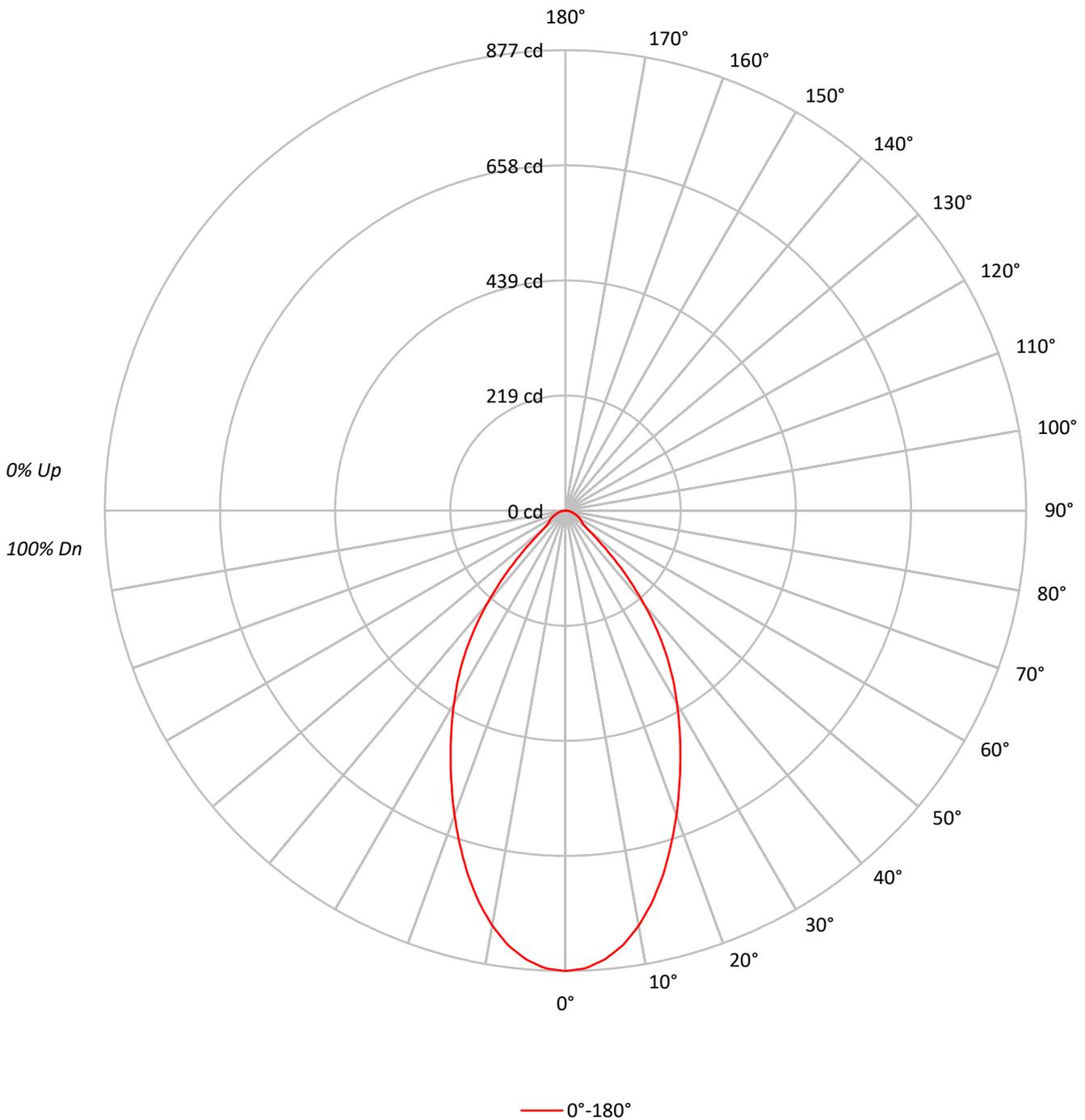
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 907.1 lumens
Efficiency: N/A
Efficacy: 62.1 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
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				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	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91				91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83				83
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75				75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69				69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63				63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58				58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54				54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50				50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47				47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44				44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	192309
5°	188906
10°	178754
15°	163020
20°	144166
25°	125185
30°	107460
35°	89543
40°	66725
45°	40841
50°	18899
55°	14795
60°	14209
65°	13023
70°	12053
75°	11522
80°	10607
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 40841 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.2	8.8
10°-20°	199.9	22.0
20°-30°	237.5	26.2
30°-40°	206.4	22.8
40°-50°	103.5	11.4
50°-60°	35.9	4.0
60°-70°	25.2	2.8
70°-80°	14.1	1.6
80°-90°	4.3	0.5
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°	517.6	57.1
0°-40°	724.1	79.8
0°-60°	863.5	95.2
0°-90°	907.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	907.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	877	
5°	858	80
15°	718	200
25°	517	238
35°	334	206
45°	132	104
55°	39	36
65°	25	25
75°	14	14
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	877.0
2.5°	872.8
5°	858.2
7.5°	835.2
10°	802.8
12.5°	763.0
15°	718.1
17.5°	667.9
20°	617.8
22.5°	566.5
25°	517.4
27.5°	470.4
30°	424.4
32.5°	380.5
35°	334.5
37.5°	285.4
40°	233.1
42.5°	181.9
45°	131.7
47.5°	86.8
50°	55.4
52.5°	42.9
55°	38.7
57.5°	35.5
60°	32.4
62.5°	29.3
65°	25.1
67.5°	22.0
70°	18.8
72.5°	15.7
75°	13.6
77.5°	10.5
80°	8.4
82.5°	6.3
85°	3.1
87.5°	2.1
90°	0.0

(END OF REPORT)