

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: P1249776

Luminaire Tested: P3AS17R559027DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249776
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R559027DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

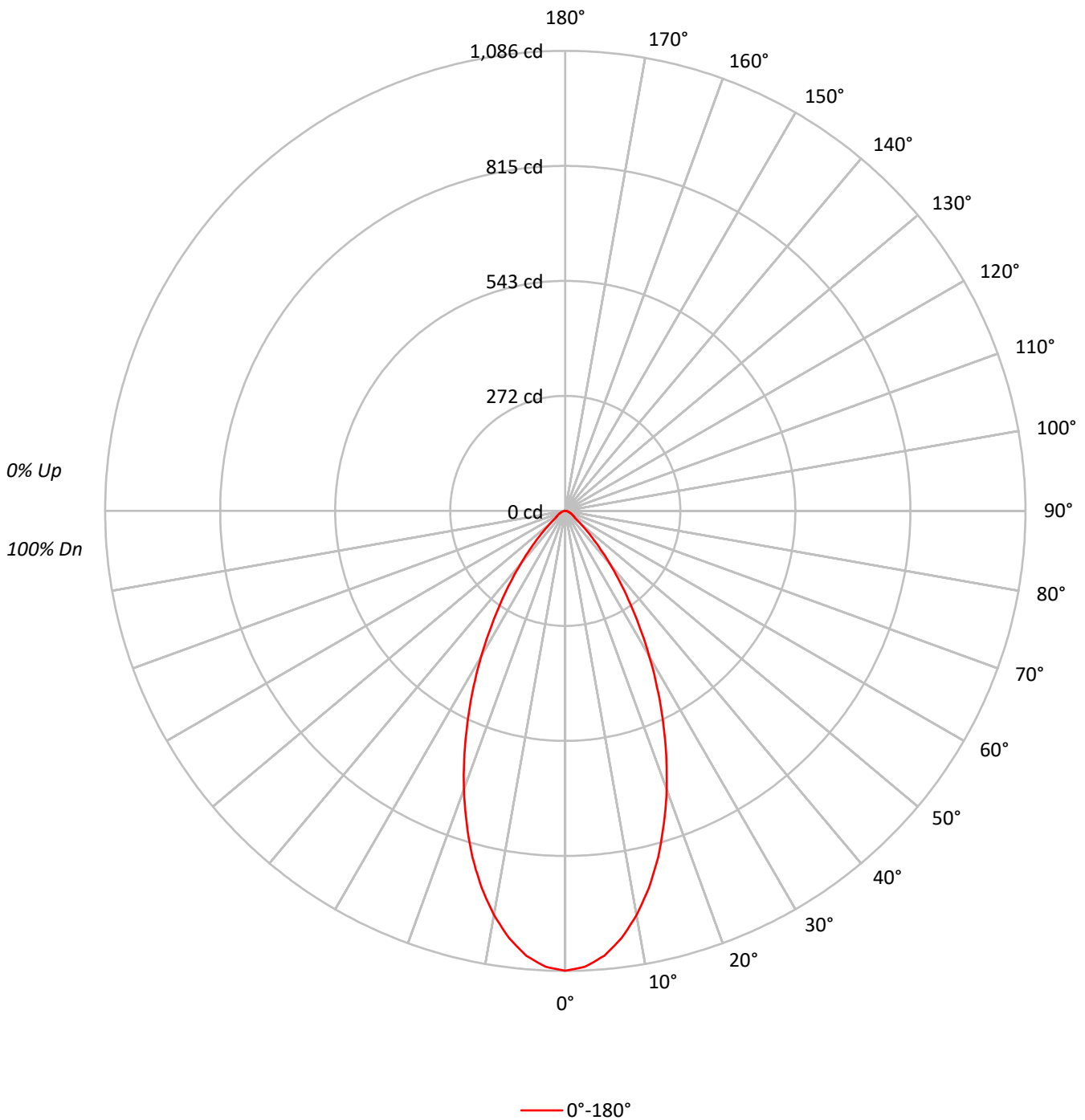
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 875.0 lumens
Efficiency: N/A
Efficacy: 41.3 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	100	100	
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94	92	92	92	92	
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85	85	85	85	
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79	79	79	79	
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73	73	73	73	
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67	67	67	67	
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63	63	63	63	
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59	59	59	59	
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55	55	55	55	
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52	52	52	52	
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49	49	49	49	

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	238029
5°	232049
10°	215739
15°	192124
20°	163254
25°	131741
30°	100446
35°	71447
40°	47145
45°	27972
50°	16409
55°	10093
60°	8947
65°	8094
70°	6924
75°	6100
80°	6061
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 27972 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.9	11.2
10°-20°	234.6	26.8
20°-30°	248.5	28.4
30°-40°	167.9	19.2
40°-50°	73.6	8.4
50°-60°	26.3	3.0
60°-70°	15.4	1.8
70°-80°	8.1	0.9
80°-90°	2.6	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°	581.0	66.4
0°-40°	748.9	85.6
0°-60°	848.9	97.0
0°-90°	875.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	875.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1086	
5°	1054	98
15°	846	235
25°	544	248
35°	267	168
45°	90	74
55°	26	26
65°	16	15
75°	7	8
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1085.5
2.5°	1077.1
5°	1054.2
7.5°	1017.0
10°	968.9
12.5°	911.2
15°	846.3
17.5°	774.1
20°	699.6
22.5°	621.5
25°	544.5
27.5°	468.8
30°	396.7
32.5°	328.2
35°	266.9
37.5°	211.6
40°	164.7
42.5°	123.8
45°	90.2
47.5°	66.1
50°	48.1
52.5°	33.7
55°	26.4
57.5°	24.0
60°	20.4
62.5°	18.0
65°	15.6
67.5°	13.2
70°	10.8
72.5°	9.6
75°	7.2
77.5°	6.0
80°	4.8
82.5°	3.6
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)