

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: P1249607

Luminaire Tested: P3AS17R259027DE010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249607
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259027DE010 E3DLD1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

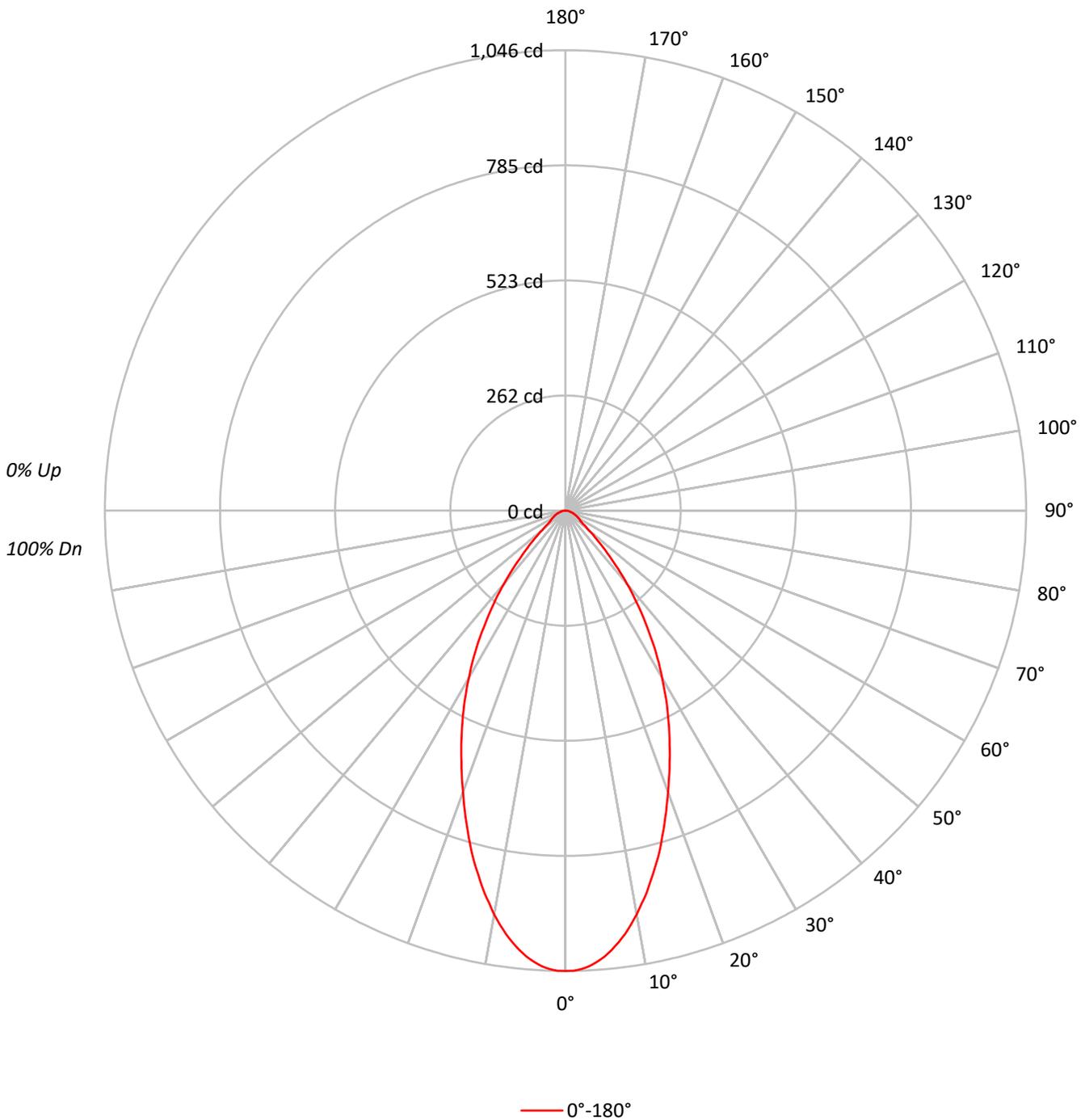
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 965.0 lumens
Efficiency: N/A
Efficacy: 45.5 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
Input Voltage (V): NR
Input Current (A_{in}): 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	105	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70				70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59				59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51				51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48				48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	229346
5°	223882
10°	207456
15°	184768
20°	158774
25°	134959
30°	111106
35°	86572
40°	62288
45°	39508
50°	23368
55°	16095
60°	14780
65°	13698
70°	12310
75°	11184
80°	10607
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 39508 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.3	9.8
10°-20°	225.9	23.4
20°-30°	255.3	26.5
30°-40°	201.9	20.9
40°-50°	102.0	10.6
50°-60°	40.9	4.2
60°-70°	26.2	2.7
70°-80°	14.4	1.5
80°-90°	4.1	0.4
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°	575.5	59.6
0°-40°	777.5	80.6
0°-60°	920.3	95.4
0°-90°	965.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	965.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1046	
5°	1017	94
15°	814	226
25°	558	255
35°	323	202
45°	127	102
55°	42	41
65°	26	26
75°	13	14
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1045.9
1°	1045.9
2°	1042.3
3°	1036.3
4°	1027.9
5°	1017.1
6°	1003.8
7°	988.2
8°	971.4
9°	952.1
10°	931.7
11°	908.9
12°	887.2
13°	862.0
14°	837.9
15°	813.9
17.5°	746.6
20°	680.4
22.5°	617.9
25°	557.8
27.5°	498.9
30°	438.8
32.5°	382.3
35°	323.4
37.5°	269.3
40°	217.6
42.5°	169.5
45°	127.4
47.5°	95.0
50°	68.5
52.5°	51.7
55°	42.1
57.5°	38.5
60°	33.7
62.5°	30.1
65°	26.4
67.5°	22.8
70°	19.2
72.5°	16.8
75°	13.2
77.5°	10.8
80°	8.4
82.5°	6.0
85°	3.6
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)