

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: P1287424

Luminaire Tested: P3AS17R209030D2WDE010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287424
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R209030D2WDE010 E3DLD1WH
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,
E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

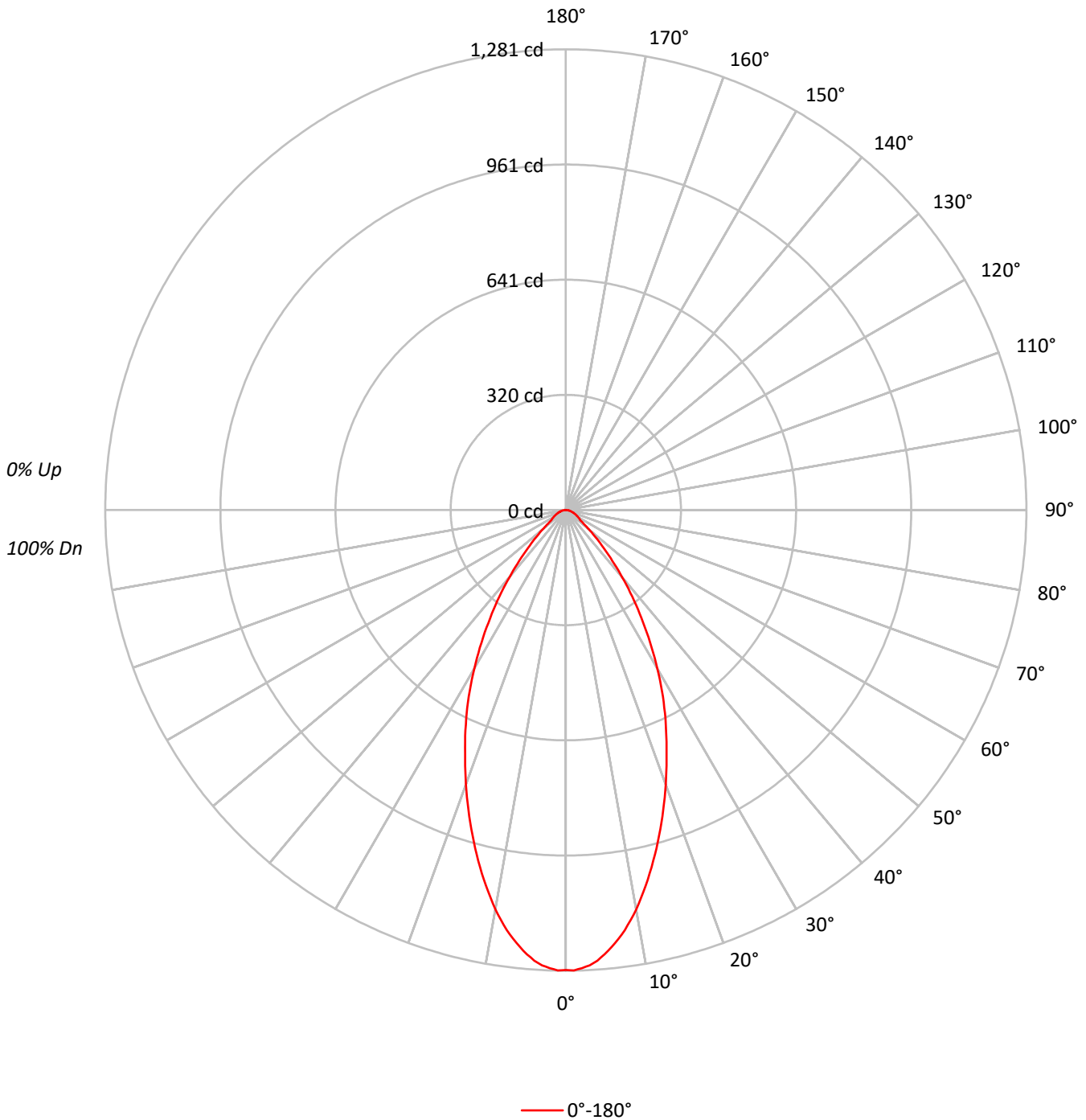
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1134.0 lumens
Efficiency: N/A
Efficacy: 41.5 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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

TEST NUMBER: P1287424
CATALOG NUMBER: P3AS17R209030D2WDE010 E3DLD1WH

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	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91				91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83				83
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76				76
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70				70
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65				65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60				60
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55				55
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52				52
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48				48
10	68	58	51	47	67	57	51	47	56	51	47	56	51	47	55	50	47	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	280504
5°	273013
10°	251142
15°	221068
20°	189576
25°	159275
30°	128754
35°	97949
40°	69673
45°	46020
50°	28485
55°	18733
60°	17060
65°	15722
70°	14746
75°	13386
80°	12754
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 46020 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.7	10.1
10°-20°	271.1	23.9
20°-30°	300.9	26.5
30°-40°	229.5	20.2
40°-50°	117.5	10.4
50°-60°	48.3	4.3
60°-70°	30.1	2.7
70°-80°	16.9	1.5
80°-90°	4.9	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°	686.7	60.6
0°-40°	916.3	80.8
0°-60°	1082.1	95.4
0°-90°	1134.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1134.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1279	
5°	1240	115
15°	974	271
25°	658	301
35°	366	230
45°	148	118
55°	49	48
65°	30	30
75°	16	17
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1279.2
1°	1280.6
2°	1274.8
3°	1267.6
4°	1256.1
5°	1240.3
6°	1221.5
7°	1201.4
8°	1179.8
9°	1153.8
10°	1127.9
12.5°	1053.0
15°	973.8
17.5°	893.1
20°	812.4
22.5°	731.8
25°	658.3
27.5°	584.8
30°	508.5
32.5°	436.5
35°	365.9
37.5°	303.9
40°	243.4
42.5°	191.6
45°	148.4
47.5°	112.4
50°	83.5
52.5°	61.9
55°	49.0
57.5°	44.7
60°	38.9
62.5°	34.6
65°	30.3
67.5°	25.9
70°	23.0
72.5°	18.7
75°	15.8
77.5°	13.0
80°	10.1
82.5°	7.2
85°	4.3
87.5°	1.4
90°	0.0

(END OF REPORT)