

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: P1251907

Luminaire Tested: P3AS13R209030DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251907
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: P3AS13R209030DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

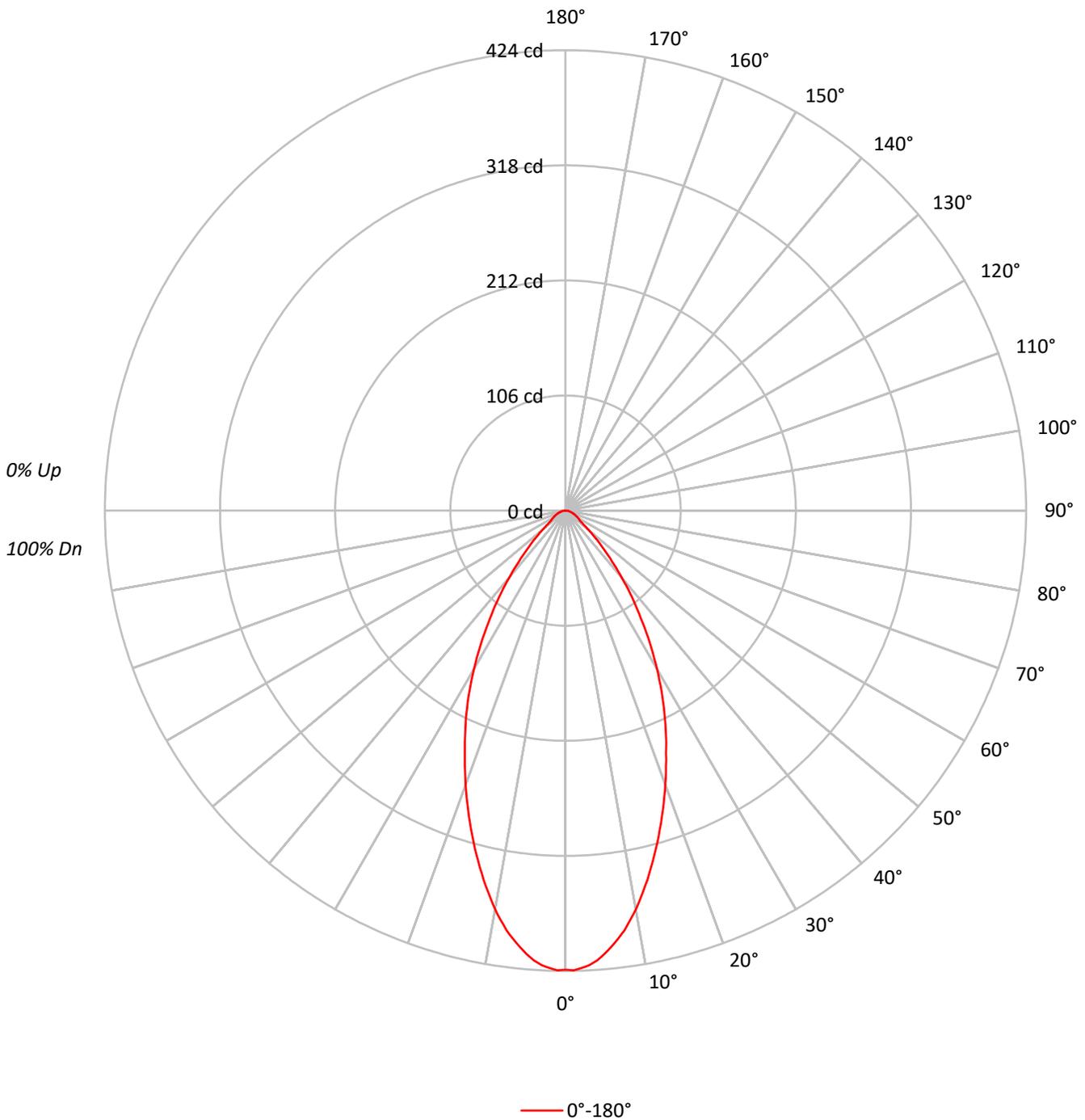
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 375.0 lumens
Efficiency: N/A
Efficacy: 25.7 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): 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	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	50	47	55	50	47	45			45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	92756
5°	90271
10°	83053
15°	73099
20°	62702
25°	52672
30°	42589
35°	32391
40°	23043
45°	15226
50°	9415
55°	6193
60°	5657
65°	5189
70°	4873
75°	4406
80°	4167
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 15226 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.9	10.1
10°-20°	89.6	23.9
20°-30°	99.5	26.5
30°-40°	75.9	20.2
40°-50°	38.9	10.4
50°-60°	16.0	4.3
60°-70°	10.0	2.7
70°-80°	5.6	1.5
80°-90°	1.6	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°	227.1	60.6
0°-40°	303.0	80.8
0°-60°	357.9	95.4
0°-90°	375.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	375.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	423	
5°	410	38
15°	322	90
25°	218	100
35°	121	76
45°	49	39
55°	16	16
65°	10	10
75°	5	6
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	423.0
1°	423.5
2°	421.6
3°	419.2
4°	415.4
5°	410.1
6°	403.9
7°	397.3
8°	390.1
9°	381.6
10°	373.0
12.5°	348.2
15°	322.0
17.5°	295.3
20°	268.7
22.5°	242.0
25°	217.7
27.5°	193.4
30°	168.2
32.5°	144.3
35°	121.0
37.5°	100.5
40°	80.5
42.5°	63.4
45°	49.1
47.5°	37.2
50°	27.6
52.5°	20.5
55°	16.2
57.5°	14.8
60°	12.9
62.5°	11.4
65°	10.0
67.5°	8.6
70°	7.6
72.5°	6.2
75°	5.2
77.5°	4.3
80°	3.3
82.5°	2.4
85°	1.4
87.5°	0.5
90°	0.0

(END OF REPORT)