

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: P1286040

Luminaire Tested: P3AS02R209030D2WDE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286040
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: P3AS02R209030D2WDE010 E3DLD1GPH
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

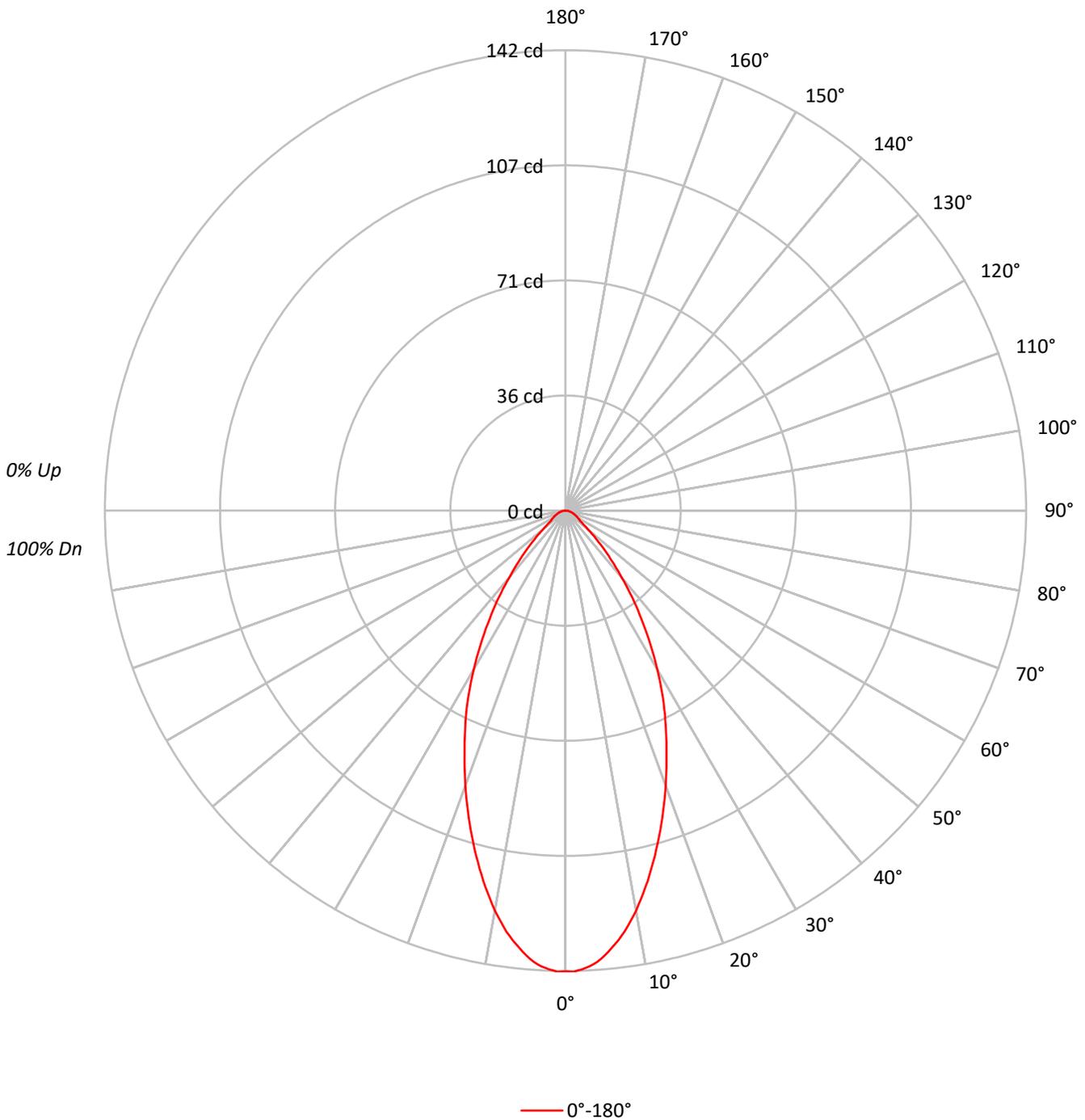
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 126.0 lumens
Efficiency: N/A
Efficacy: 17.5 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): 7.2
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				
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			
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91			
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83			
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76			
4	94	86	79	75	92	84	79	74	82	77	73	80	76	72	78	75	72	70			
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	64			
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60			
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55			
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52			
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48			
10	68	58	51	47	67	57	51	47	56	51	47	56	50	47	55	50	47	45			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	31160
5°	30332
10°	27900
15°	24563
20°	21072
25°	17687
30°	14306
35°	10895
40°	7729
45°	5117
50°	3173
55°	2064
60°	1886
65°	1764
70°	1667
75°	1525
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5117 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.7	10.1
10°-20°	30.1	23.9
20°-30°	33.4	26.5
30°-40°	25.5	20.2
40°-50°	13.1	10.4
50°-60°	5.4	4.3
60°-70°	3.4	2.7
70°-80°	1.9	1.5
80°-90°	0.6	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°	76.3	60.5
0°-40°	101.8	80.8
0°-60°	120.2	95.4
0°-90°	126.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	126.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	142	
5°	138	13
15°	108	30
25°	73	33
35°	41	26
45°	16	13
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	142.1
1°	142.3
2°	141.6
3°	140.8
4°	139.6
5°	137.8
6°	135.7
7°	133.5
8°	131.1
9°	128.2
10°	125.3
12.5°	117.0
15°	108.2
17.5°	99.2
20°	90.3
22.5°	81.3
25°	73.1
27.5°	65.0
30°	56.5
32.5°	48.5
35°	40.7
37.5°	33.8
40°	27.0
42.5°	21.3
45°	16.5
47.5°	12.5
50°	9.3
52.5°	6.9
55°	5.4
57.5°	5.0
60°	4.3
62.5°	3.8
65°	3.4
67.5°	2.9
70°	2.6
72.5°	2.1
75°	1.8
77.5°	1.4
80°	1.1
82.5°	0.8
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)