

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: P1286035

Luminaire Tested: P3AS02R209030D2WDE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286035
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R209030D2WDE010 E3DL1GPH
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

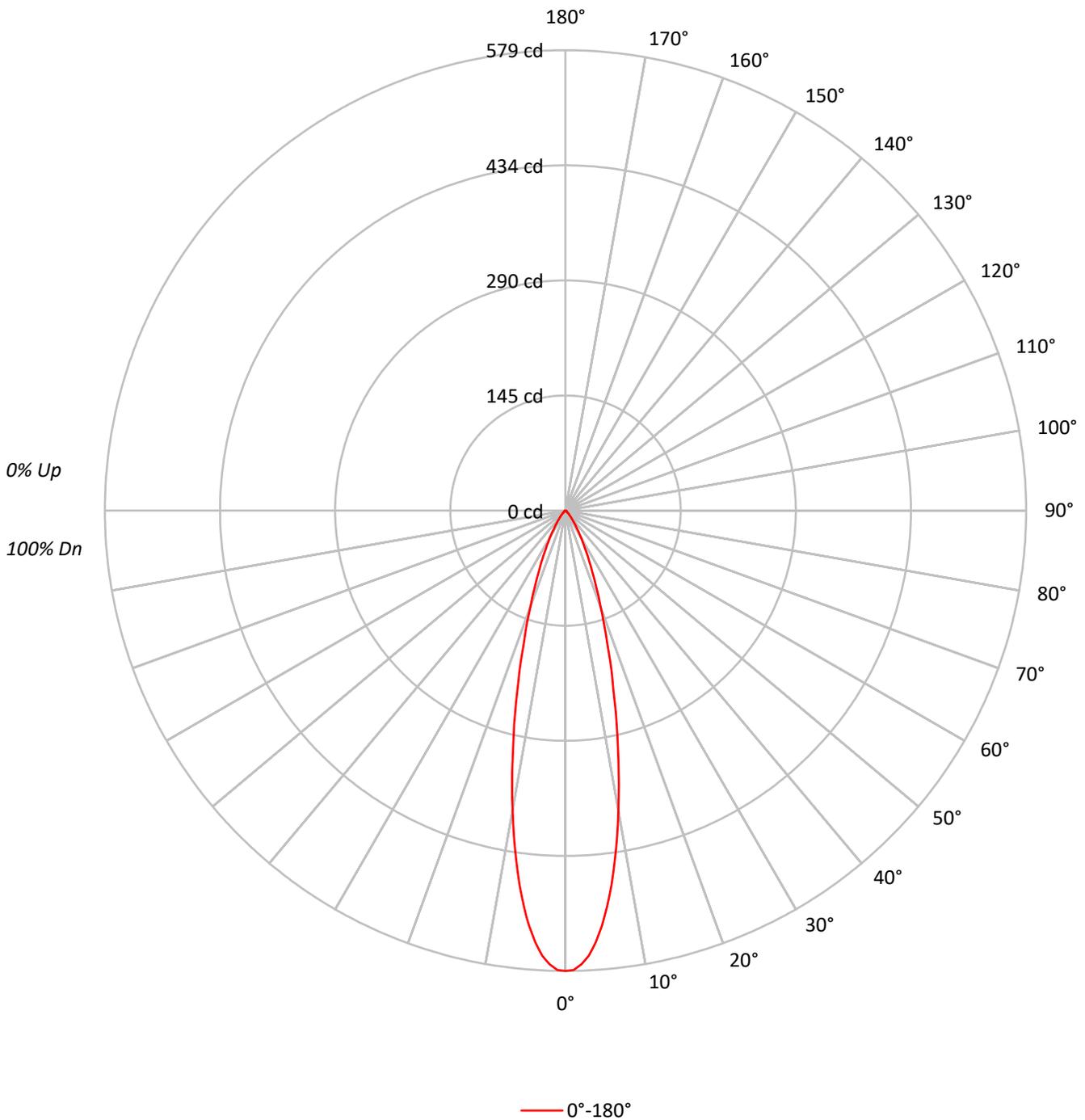
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 165.0 lumens
Efficiency: N/A
Efficacy: 22.9 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
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	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	98	97	95
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	92	94	92	91
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	92	90	88	87
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	89	86	84	83
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	86	83	81	79
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	83	80	77	76
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	80	77	75	73
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	77	74	72	77	74	72	71
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	75	72	69	68
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	73	69	67	66

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	126942
5°	115408
10°	85280
15°	52759
20°	30126
25°	17203
30°	9647
35°	5247
40°	2863
45°	1582
50°	921
55°	688
60°	614
65°	571
70°	513
75°	508
80°	379
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1582 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.4	27.5
10°-20°	64.8	39.3
20°-30°	33.8	20.5
30°-40°	13.1	7.9
40°-50°	4.3	2.6
50°-60°	1.7	1.0
60°-70°	1.1	0.7
70°-80°	0.6	0.4
80°-90°	0.2	0.1
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°	144.0	87.3
0°-40°	157.1	95.2
0°-60°	163.0	98.8
0°-90°	165.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	165.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	579	
5°	524	45
15°	232	65
25°	71	34
35°	20	13
45°	5	4
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	578.9
1°	577.8
2°	571.0
3°	560.4
4°	544.2
5°	524.3
6°	500.7
7°	474.5
8°	444.2
9°	414.8
10°	383.0
12.5°	304.4
15°	232.4
17.5°	173.9
20°	129.1
22.5°	95.6
25°	71.1
27.5°	52.4
30°	38.1
32.5°	27.6
35°	19.6
37.5°	14.2
40°	10.0
42.5°	7.2
45°	5.1
47.5°	3.7
50°	2.7
52.5°	2.1
55°	1.8
57.5°	1.6
60°	1.4
62.5°	1.3
65°	1.1
67.5°	1.0
70°	0.8
72.5°	0.8
75°	0.6
77.5°	0.5
80°	0.3
82.5°	0.3
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)