

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: P1274712

Luminaire Tested: P3AS20R309830D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274712
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309830D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

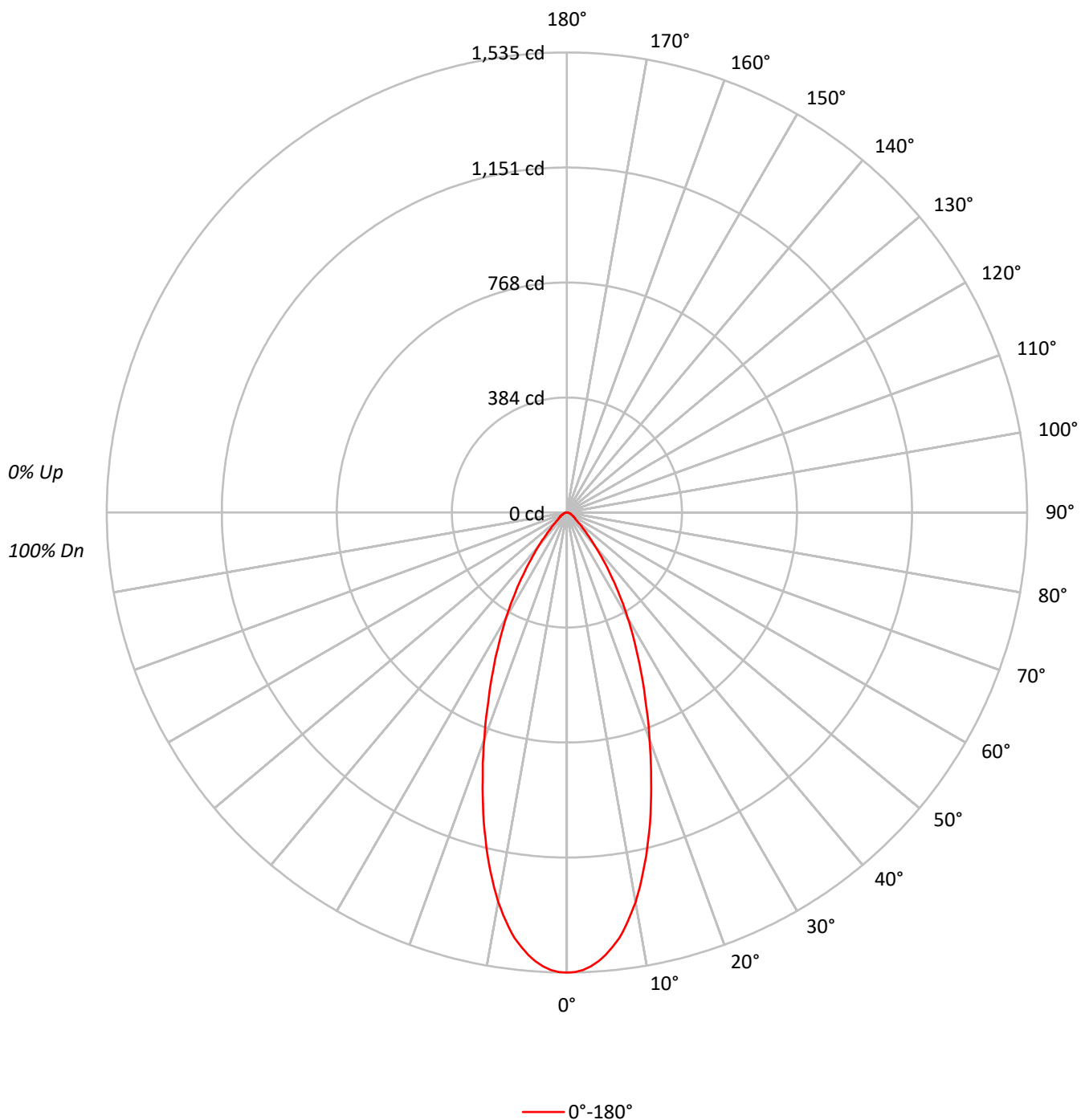
Lumens per Lamp: N/A
Luminaire Lumens: 985.0 lumens
Efficiency: N/A
Efficacy: 35.9 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	53		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	336596
5°	326105
10°	293827
15°	243066
20°	188176
25°	141153
30°	102471
35°	68288
40°	41964
45°	24623
50°	15113
55°	12272
60°	10701
65°	8717
70°	7822
75°	7795
80°	5809
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24623 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.3	13.8
10°-20°	294.9	29.9
20°-30°	268.3	27.2
30°-40°	162.2	16.5
40°-50°	65.0	6.6
50°-60°	28.8	2.9
60°-70°	17.4	1.8
70°-80°	9.5	1.0
80°-90°	2.7	0.3
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°	699.4	71.0
0°-40°	861.6	87.5
0°-60°	955.5	97.0
0°-90°	985.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	985.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1535	
5°	1482	136
15°	1071	295
25°	583	268
35°	255	162
45°	79	65
55°	32	29
65°	17	17
75°	9	9
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1535.0
1°	1533.5
2°	1527.4
3°	1516.7
4°	1501.4
5°	1481.5
6°	1457.1
7°	1431.1
8°	1397.5
9°	1359.3
10°	1319.6
11°	1273.8
12°	1224.9
13°	1176.1
14°	1122.6
15°	1070.7
17.5°	934.7
20°	806.4
22.5°	687.3
25°	583.4
27.5°	488.8
30°	404.7
32.5°	326.9
35°	255.1
37.5°	195.5
40°	146.6
42.5°	106.9
45°	79.4
47.5°	59.6
50°	44.3
52.5°	35.1
55°	32.1
57.5°	27.5
60°	24.4
62.5°	19.9
65°	16.8
67.5°	15.3
70°	12.2
72.5°	10.7
75°	9.2
77.5°	7.6
80°	4.6
82.5°	3.1
85°	3.1
87.5°	1.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)