

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: P1265002

Luminaire Tested: P3AS13R209730DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265002
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: P3AS13R209730DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

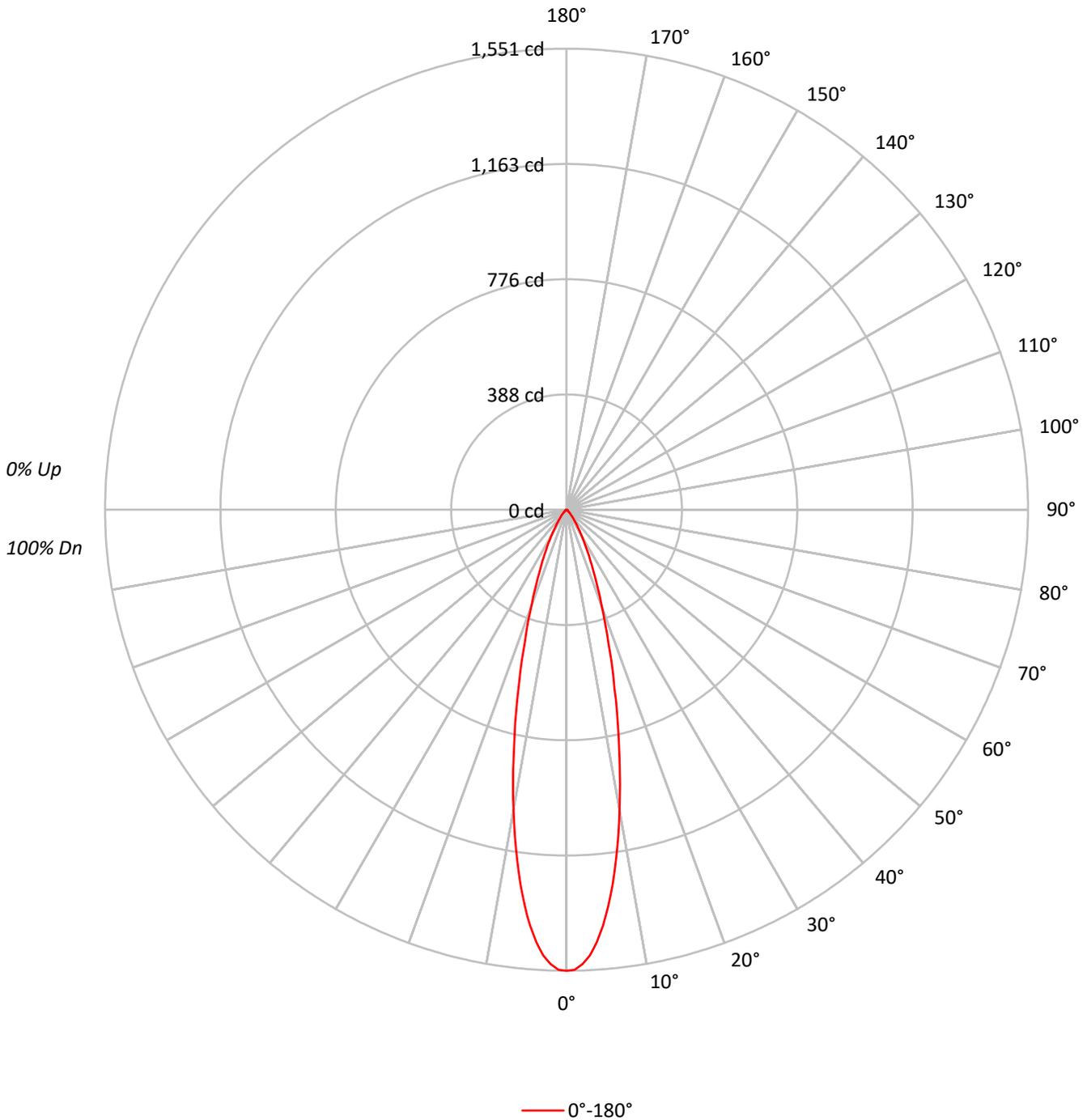
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 442.0 lumens
Efficiency: N/A
Efficacy: 30.3 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): 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		0
RCR																			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102		100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97		95
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92		91
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88		87
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84		83
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81		79
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77		76
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75		73
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	78	74	72		71
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69		68
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67		66

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	340060
5°	309134
10°	228475
15°	141340
20°	80717
25°	46067
30°	25852
35°	14054
40°	7700
45°	4249
50°	2490
55°	1797
60°	1667
65°	1557
70°	1346
75°	1440
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4249 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.6	27.5
10°-20°	173.6	39.3
20°-30°	90.6	20.5
30°-40°	35.0	7.9
40°-50°	11.4	2.6
50°-60°	4.5	1.0
60°-70°	3.0	0.7
70°-80°	1.7	0.4
80°-90°	0.6	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°	385.8	87.3
0°-40°	420.9	95.2
0°-60°	436.8	98.8
0°-90°	442.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	442.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1551	
5°	1404	122
15°	623	174
25°	190	91
35°	52	35
45°	14	11
55°	5	4
65°	3	3
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1550.8
1°	1547.8
2°	1529.5
3°	1501.3
4°	1457.8
5°	1404.4
6°	1341.2
7°	1271.2
8°	1190.0
9°	1111.0
10°	1026.1
12.5°	815.6
15°	622.6
17.5°	465.8
20°	345.9
22.5°	256.2
25°	190.4
27.5°	140.5
30°	102.1
32.5°	73.9
35°	52.5
37.5°	38.0
40°	26.9
42.5°	19.2
45°	13.7
47.5°	9.8
50°	7.3
52.5°	5.6
55°	4.7
57.5°	4.3
60°	3.8
62.5°	3.4
65°	3.0
67.5°	2.6
70°	2.1
72.5°	2.1
75°	1.7
77.5°	1.3
80°	0.9
82.5°	0.9
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)