

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: P1258325

Luminaire Tested: P3AS20R709040D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258325
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R709040D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

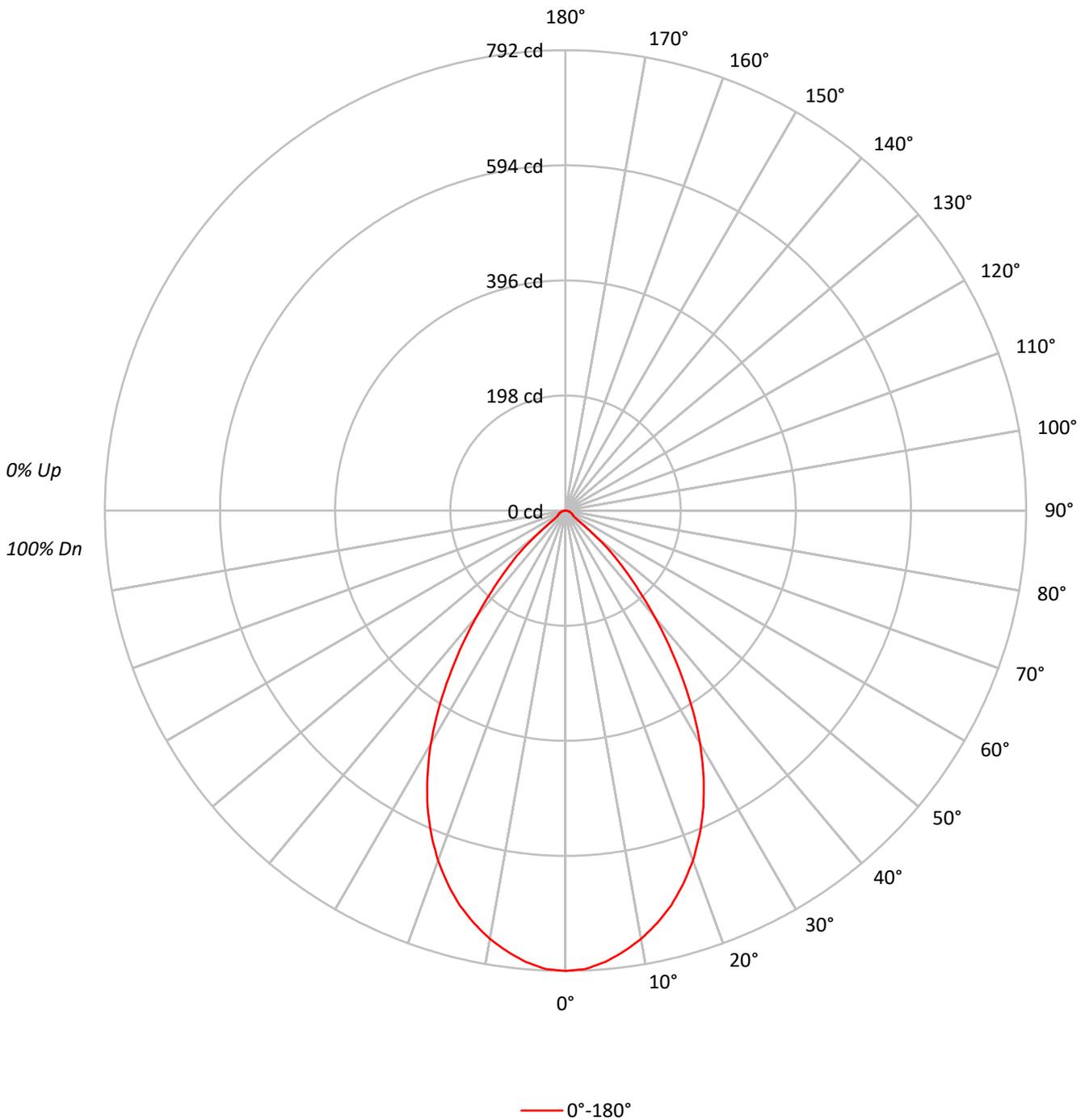
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 897.0 lumens
Efficiency: N/A
Efficacy: 31.1 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	100	100
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92	92	92	92
2	106	101	96	93	104	99	95	92	96	92	90	93	90	88	90	88	86	84	84	84	84
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	79	77	77	77	77
4	94	86	80	75	93	85	79	75	83	78	74	81	76	73	79	75	72	70	70	70	70
5	89	80	73	69	87	79	73	68	77	72	68	75	71	67	74	70	66	65	65	65	65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60	60	60	60
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	75	65	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51	51	51	51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48	48	48	48
10	67	57	50	46	66	56	50	46	55	50	46	55	49	46	54	49	46	44	44	44	44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	173648
5°	171560
10°	166619
15°	159547
20°	149463
25°	135782
30°	117284
35°	93478
40°	68070
45°	44749
50°	20980
55°	6461
60°	6271
65°	6019
70°	5706
75°	6015
80°	5683
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 44749 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.4	8.2
10°-20°	196.7	21.9
20°-30°	255.7	28.5
30°-40°	216.9	24.2
40°-50°	111.9	12.5
50°-60°	21.5	2.4
60°-70°	11.7	1.3
70°-80°	7.1	0.8
80°-90°	2.1	0.2
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°	525.8	58.6
0°-40°	742.7	82.8
0°-60°	876.1	97.7
0°-90°	897.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	897.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	792	
5°	779	73
15°	703	197
25°	561	256
35°	349	217
45°	144	112
55°	17	22
65°	12	12
75°	7	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	791.9
2.5°	789.2
5°	779.4
7.5°	765.2
10°	748.3
12.5°	726.9
15°	702.8
17.5°	673.4
20°	640.5
22.5°	603.1
25°	561.2
27.5°	514.0
30°	463.2
32.5°	407.1
35°	349.2
37.5°	292.2
40°	237.8
42.5°	187.1
45°	144.3
47.5°	106.0
50°	61.5
52.5°	26.7
55°	16.9
57.5°	16.0
60°	14.3
62.5°	13.4
65°	11.6
67.5°	10.7
70°	8.9
72.5°	8.0
75°	7.1
77.5°	5.3
80°	4.5
82.5°	2.7
85°	1.8
87.5°	0.9
90°	0.0

(END OF REPORT)