

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: P1258107

Luminaire Tested: P3AS20R309040D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258107
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: P3AS20R309040D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

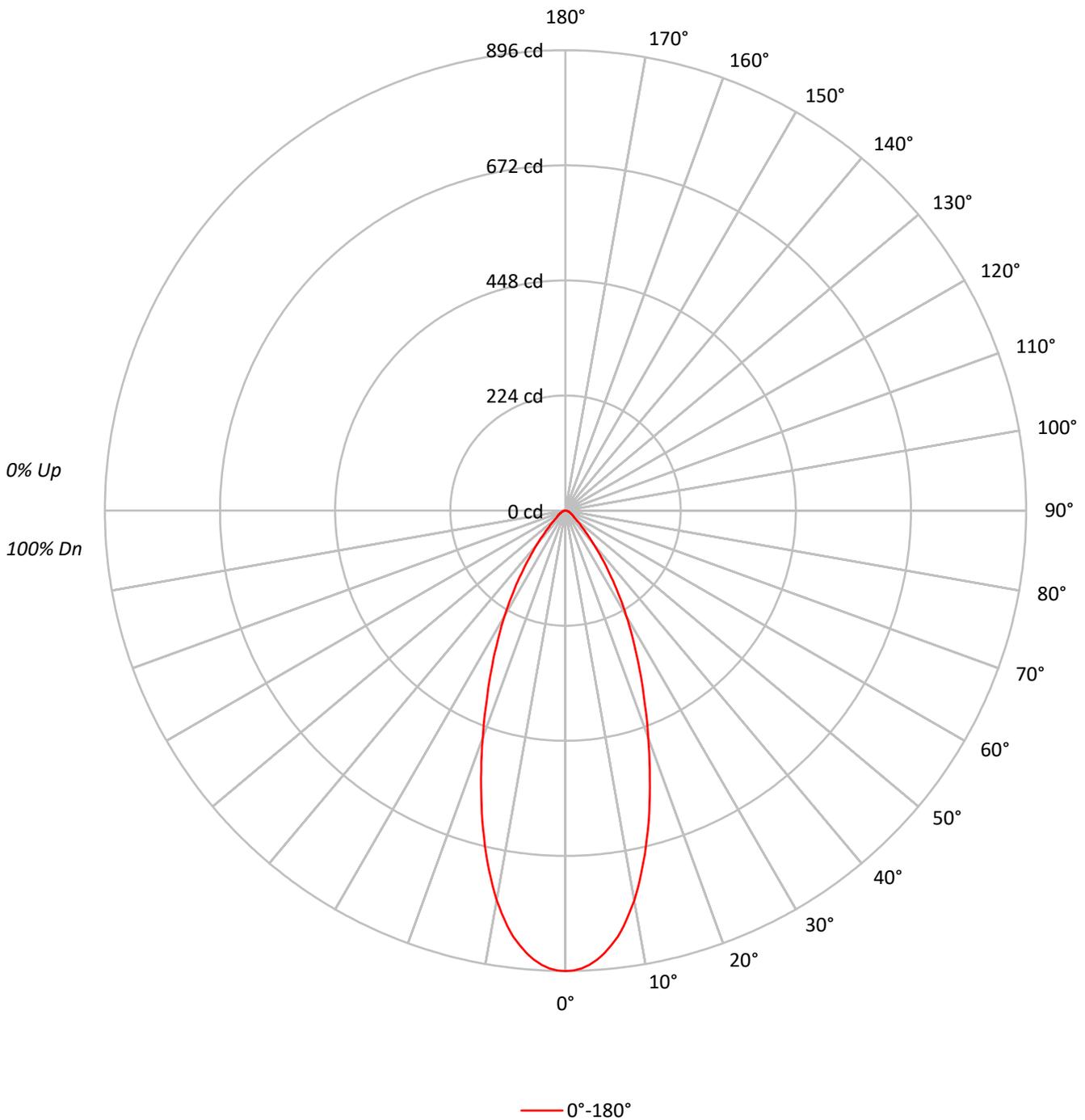
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 575.0 lumens
Efficiency: N/A
Efficacy: 20.0 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): 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				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	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74	74	74	74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70	70	70	70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65	65	65	65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61	61	61	61
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58	58	58	58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55	55	55	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	196497
5°	190380
10°	171518
15°	141885
20°	109863
25°	82408
30°	59832
35°	39859
40°	24503
45°	14389
50°	8836
55°	7149
60°	6271
65°	5085
70°	4552
75°	4490
80°	3410
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 14389 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.6	13.8
10°-20°	172.1	29.9
20°-30°	156.6	27.2
30°-40°	94.7	16.5
40°-50°	38.0	6.6
50°-60°	16.8	2.9
60°-70°	10.1	1.8
70°-80°	5.5	1.0
80°-90°	1.6	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°	408.3	71.0
0°-40°	503.0	87.5
0°-60°	557.8	97.0
0°-90°	575.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	575.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	896	
5°	865	80
15°	625	172
25°	341	157
35°	149	95
45°	46	38
55°	19	17
65°	10	10
75°	5	6
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	896.1
1°	895.2
2°	891.6
3°	885.4
4°	876.4
5°	864.9
6°	850.6
7°	835.4
8°	815.8
9°	793.5
10°	770.3
11°	743.6
12°	715.1
13°	686.5
14°	655.3
15°	625.0
17.5°	545.7
20°	470.8
22.5°	401.2
25°	340.6
27.5°	285.3
30°	236.3
32.5°	190.8
35°	148.9
37.5°	114.1
40°	85.6
42.5°	62.4
45°	46.4
47.5°	34.8
50°	25.9
52.5°	20.5
55°	18.7
57.5°	16.0
60°	14.3
62.5°	11.6
65°	9.8
67.5°	8.9
70°	7.1
72.5°	6.2
75°	5.3
77.5°	4.5
80°	2.7
82.5°	1.8
85°	1.8
87.5°	0.9



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)