

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: P1270515

Luminaire Tested: P3A20R259740D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270515
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R259740D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

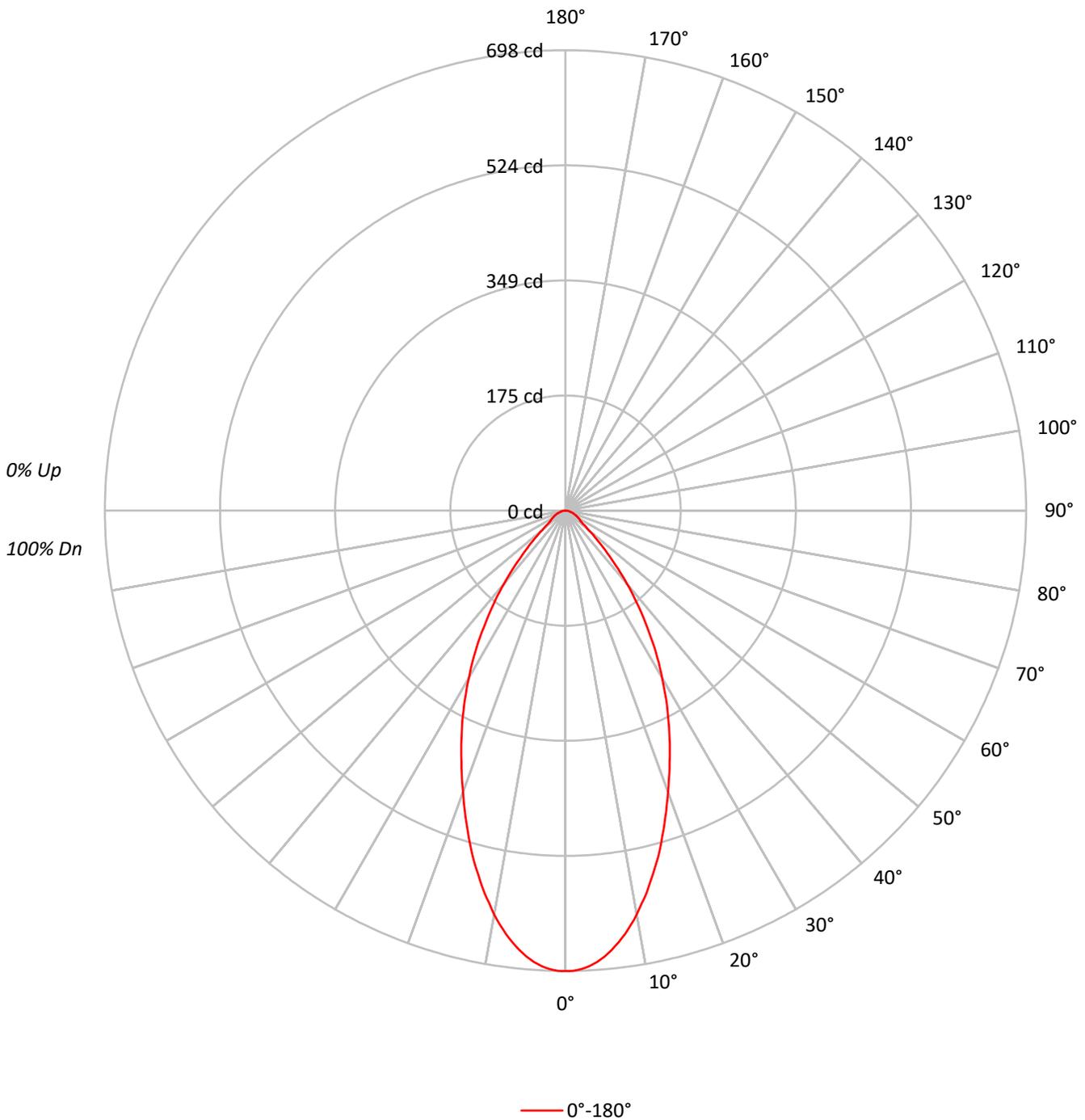
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 644.0 lumens
Efficiency: N/A
Efficacy: 22.4 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
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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CATALOG NUMBER: P3A20R259740D010 E3DLD1GPH

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
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70				70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59				59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51				51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48				48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	153058
5°	149394
10°	138452
15°	123292
20°	105966
25°	90078
30°	74138
35°	57768
40°	41564
45°	26359
50°	15590
55°	10743
60°	9868
65°	9184
70°	8207
75°	7456
80°	7072
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 26359 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.9	9.8
10°-20°	150.8	23.4
20°-30°	170.4	26.5
30°-40°	134.7	20.9
40°-50°	68.1	10.6
50°-60°	27.3	4.2
60°-70°	17.5	2.7
70°-80°	9.6	1.5
80°-90°	2.7	0.4
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°	384.1	59.6
0°-40°	518.8	80.6
0°-60°	614.2	95.4
0°-90°	644.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	644.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	698	
5°	679	63
15°	543	151
25°	372	170
35°	216	135
45°	85	68
55°	28	27
65°	18	17
75°	9	10
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	698.0
1°	698.0
2°	695.6
3°	691.6
4°	686.0
5°	678.7
6°	669.9
7°	659.5
8°	648.2
9°	635.4
10°	621.8
11°	606.5
12°	592.1
13°	575.2
14°	559.2
15°	543.1
17.5°	498.2
20°	454.1
22.5°	412.4
25°	372.3
27.5°	332.9
30°	292.8
32.5°	255.1
35°	215.8
37.5°	179.7
40°	145.2
42.5°	113.1
45°	85.0
47.5°	63.4
50°	45.7
52.5°	34.5
55°	28.1
57.5°	25.7
60°	22.5
62.5°	20.1
65°	17.7
67.5°	15.2
70°	12.8
72.5°	11.2
75°	8.8
77.5°	7.2
80°	5.6
82.5°	4.0
85°	2.4
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)