

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: P1255543

Luminaire Tested: P3AS20R559035D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255543
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R559035D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

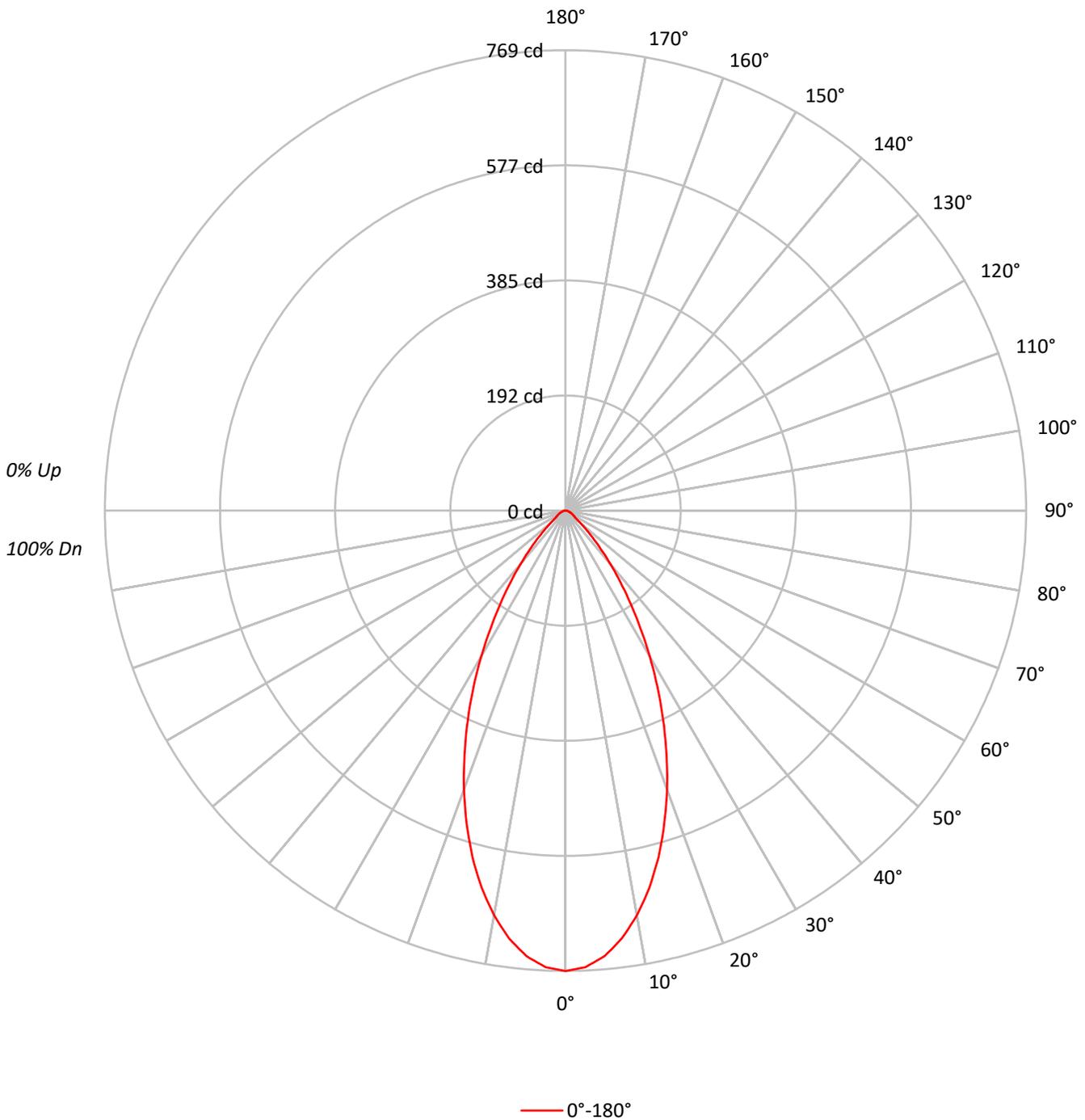
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 620.0 lumens
Efficiency: N/A
Efficacy: 21.5 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
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

TEST NUMBER: P1255543
CATALOG NUMBER: P3AS20R559035D010 E3DLP1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1255543
 CATALOG NUMBER: P3AS20R559035D010 E3DLP1GPH

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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94	92				92
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85				85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79				79
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73				73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67				67
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63				63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59				59
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55				55
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52				52
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49				49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	168649
5°	164428
10°	152858
15°	136119
20°	115673
25°	93368
30°	71176
35°	50621
40°	33405
45°	19816
50°	11633
55°	7149
60°	6359
65°	5759
70°	4937
75°	4321
80°	4293
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19816 cd/sqm



TEST NUMBER: P1255543
 CATALOG NUMBER: P3AS20R559035D010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.4	11.2
10°-20°	166.2	26.8
20°-30°	176.1	28.4
30°-40°	119.0	19.2
40°-50°	52.1	8.4
50°-60°	18.6	3.0
60°-70°	11.0	1.8
70°-80°	5.7	0.9
80°-90°	1.9	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°	411.7	66.4
0°-40°	530.6	85.6
0°-60°	601.4	97.0
0°-90°	620.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	620.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	769	
5°	747	69
15°	600	166
25°	386	176
35°	189	119
45°	64	52
55°	19	19
65°	11	11
75°	5	6
85°	2	2
90°	0	



TEST NUMBER: P1255543
CATALOG NUMBER: P3AS20R559035D010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	769.1
2.5°	763.2
5°	747.0
7.5°	720.6
10°	686.5
12.5°	645.6
15°	599.6
17.5°	548.5
20°	495.7
22.5°	440.4
25°	385.9
27.5°	332.2
30°	281.1
32.5°	232.5
35°	189.1
37.5°	149.9
40°	116.7
42.5°	87.7
45°	63.9
47.5°	46.8
50°	34.1
52.5°	23.8
55°	18.7
57.5°	17.0
60°	14.5
62.5°	12.8
65°	11.1
67.5°	9.4
70°	7.7
72.5°	6.8
75°	5.1
77.5°	4.3
80°	3.4
82.5°	2.6
85°	1.7
87.5°	0.9
90°	0.0

(END OF REPORT)