

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: P1250129

Luminaire Tested: P3AS20R559027D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250129
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: P3AS20R559027D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

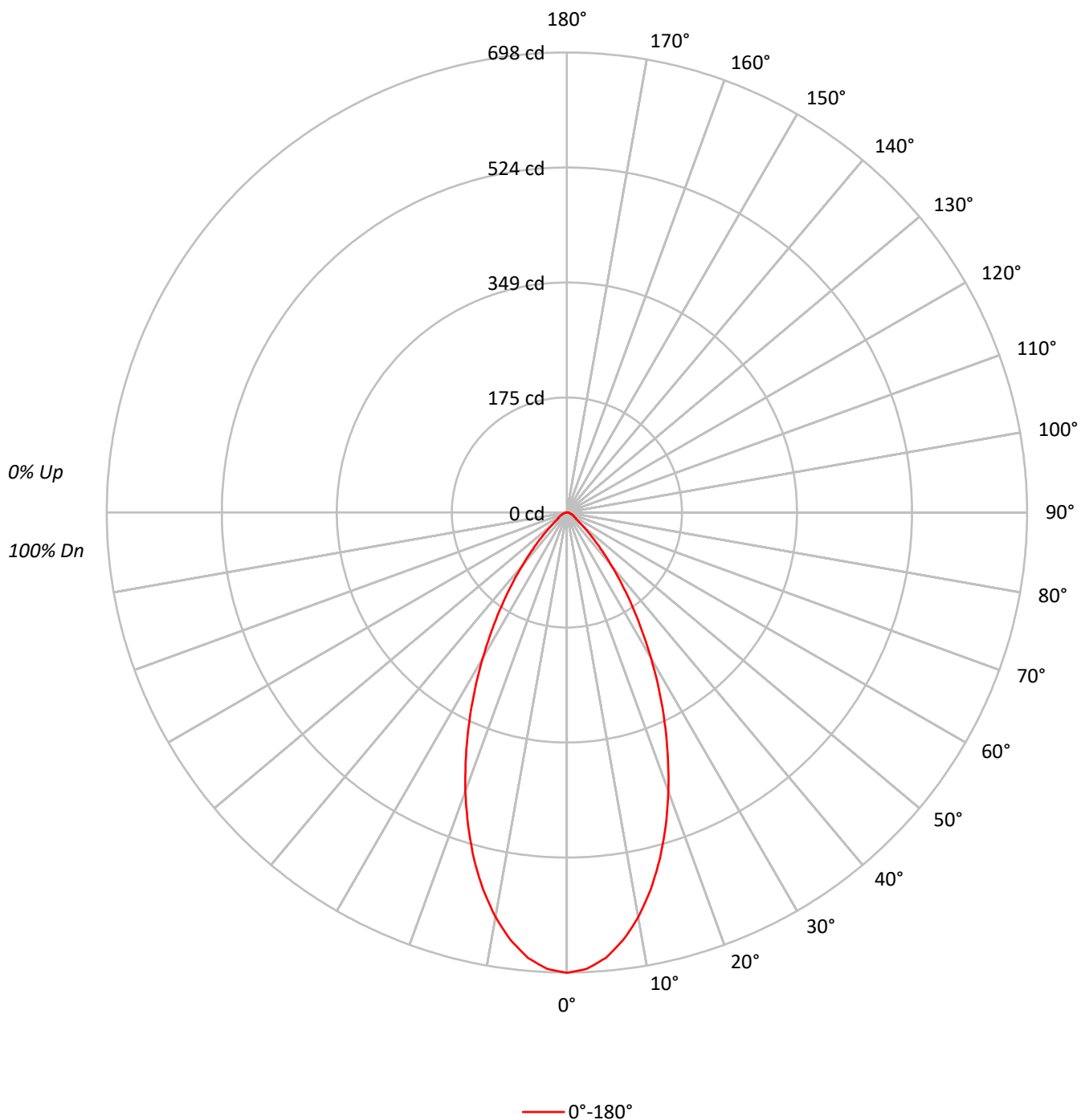
Lumens per Lamp: N/A
Luminaire Lumens: 563.0 lumens
Efficiency: N/A
Efficacy: 19.5 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1250129

CATALOG NUMBER: P3AS20R559027D010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1250129

CATALOG NUMBER: P3AS20R559027D010 E3DLP1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		97
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		80
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		64
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		61
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	153146
5°	149306
10°	138808
15°	123610
20°	105056
25°	84779
30°	64618
35°	45963
40°	30343
45°	17986
50°	10541
55°	6499
60°	5745
65°	5241
70°	4488
75°	3897
80°	3915
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17986 cd/sqm

TEST NUMBER: P1250129

CATALOG NUMBER: P3AS20R559027D010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.0	11.2
10°-20°	151.0	26.8
20°-30°	159.9	28.4
30°-40°	108.0	19.2
40°-50°	47.3	8.4
50°-60°	17.0	3.0
60°-70°	9.9	1.8
70°-80°	5.2	0.9
80°-90°	1.7	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°	373.8	66.4
0°-40°	481.9	85.6
0°-60°	546.2	97.0
0°-90°	563.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	563.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	698	
5°	678	63
15°	544	151
25°	350	160
35°	172	108
45°	58	47
55°	17	17
65°	10	10
75°	5	5
85°	2	2
90°	0	

TEST NUMBER: P1250129

CATALOG NUMBER: P3AS20R559027D010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	698.4
2.5°	693.0
5°	678.3
7.5°	654.3
10°	623.4
12.5°	586.3
15°	544.5
17.5°	498.1
20°	450.2
22.5°	399.9
25°	350.4
27.5°	301.7
30°	255.2
32.5°	211.2
35°	171.7
37.5°	136.1
40°	106.0
42.5°	79.7
45°	58.0
47.5°	42.5
50°	30.9
52.5°	21.7
55°	17.0
57.5°	15.5
60°	13.1
62.5°	11.6
65°	10.1
67.5°	8.5
70°	7.0
72.5°	6.2
75°	4.6
77.5°	3.9
80°	3.1
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)