

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: P1255394

Luminaire Tested: P3AS20R309035D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255394
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309035D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

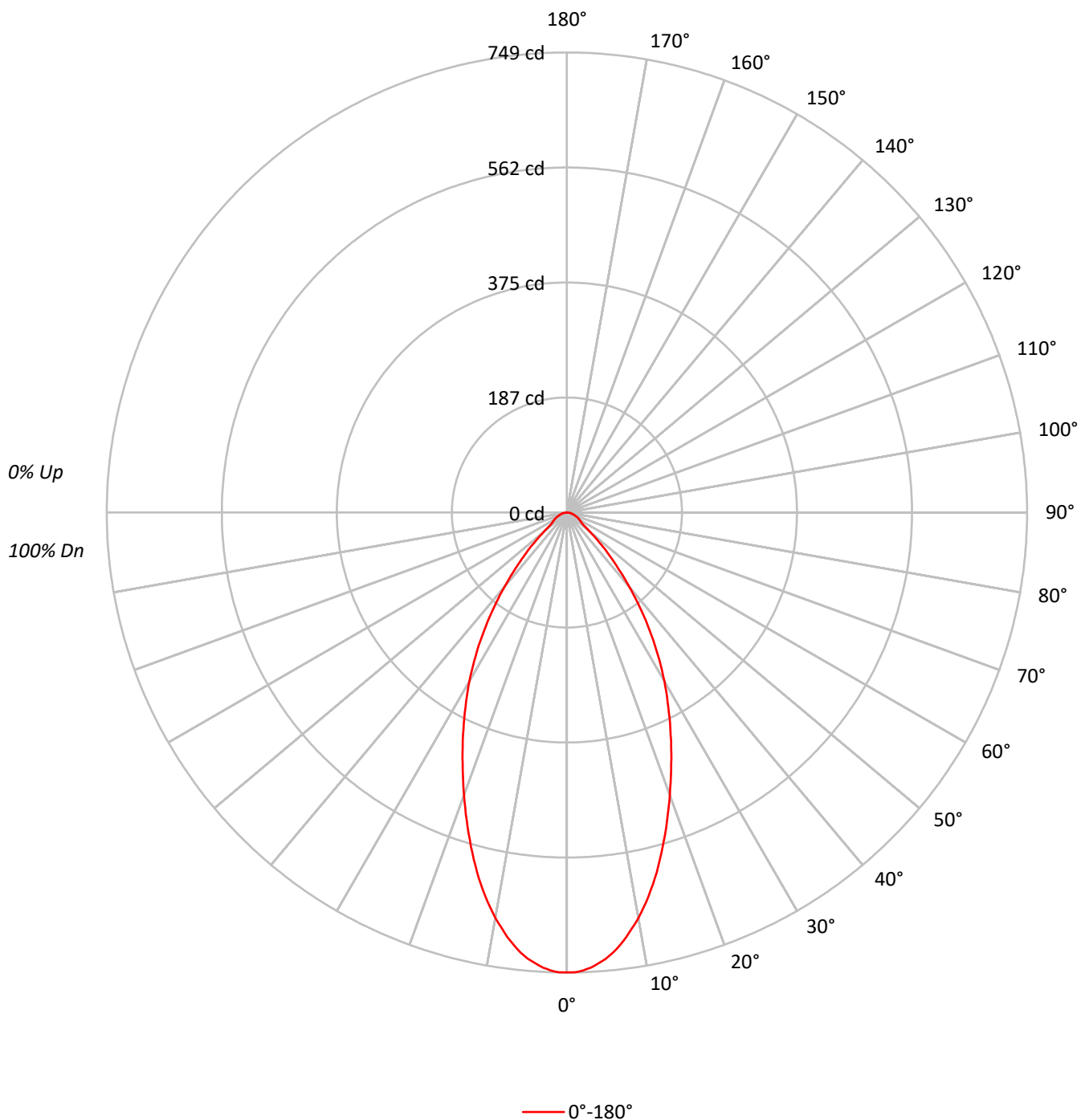
Lumens per Lamp: N/A
Luminaire Lumens: 695.1 lumens
Efficiency: N/A
Efficacy: 24.1 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1255394

CATALOG NUMBER: P3AS20R309035D010 E3DLD1GPH

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	164197
5°	160510
10°	149251
15°	132804
20°	114227
25°	96780
30°	80341
35°	63015
40°	45170
45°	29615
50°	16886
55°	11087
60°	10482
65°	9755
70°	8719
75°	7964
80°	7577
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29615 cd/sqm

TEST NUMBER: P1255394

CATALOG NUMBER: P3AS20R309035D010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.7	9.7
10°-20°	162.6	23.4
20°-30°	183.3	26.4
30°-40°	146.4	21.1
40°-50°	75.2	10.8
50°-60°	28.3	4.1
60°-70°	18.6	2.7
70°-80°	10.0	1.4
80°-90°	2.9	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°	413.6	59.5
0°-40°	560.0	80.6
0°-60°	663.5	95.5
0°-90°	695.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	695.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	749	
5°	729	68
15°	585	163
25°	400	183
35°	235	146
45°	96	75
55°	29	28
65°	19	19
75°	9	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	748.8
1°	748.8
2°	746.2
3°	742.0
4°	736.0
5°	729.2
6°	720.6
7°	709.6
8°	697.6
9°	684.0
10°	670.3
11°	655.0
12°	638.8
13°	621.7
14°	603.8
15°	585.0
17.5°	537.3
20°	489.5
22.5°	443.5
25°	400.0
27.5°	357.3
30°	317.3
32.5°	276.3
35°	235.4
37.5°	195.3
40°	157.8
42.5°	124.5
45°	95.5
47.5°	70.8
50°	49.5
52.5°	35.0
55°	29.0
57.5°	26.4
60°	23.9
62.5°	21.3
65°	18.8
67.5°	16.2
70°	13.6
72.5°	11.1
75°	9.4
77.5°	7.7
80°	6.0
82.5°	4.3
85°	2.6
87.5°	0.9



TEST NUMBER: P1255394

CATALOG NUMBER: P3AS20R309035D010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)