

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: P1247618

Luminaire Tested: P3A20R309024D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247618
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: P3A20R309024D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

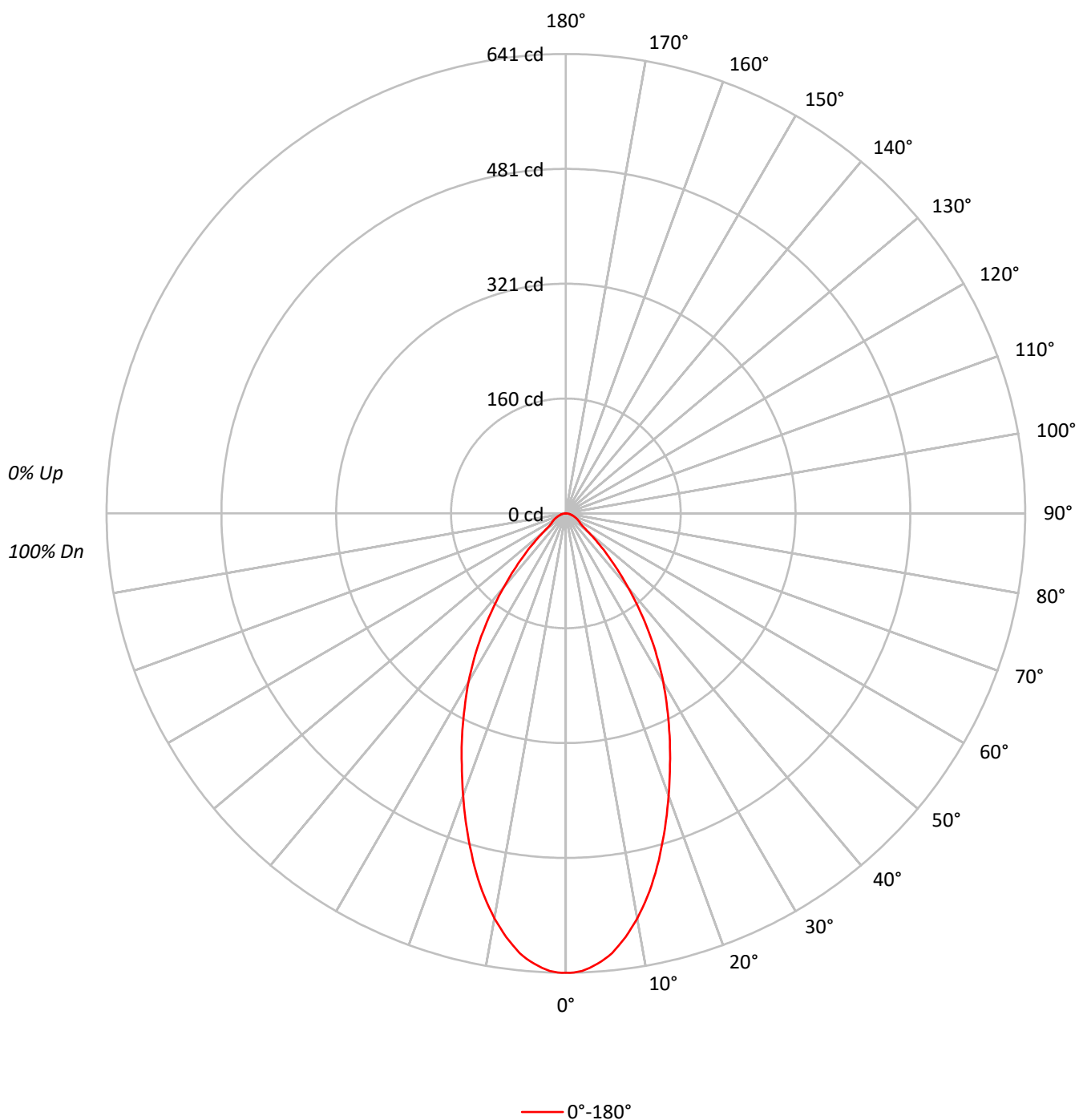
Lumens per Lamp: N/A
Luminaire Lumens: 595.0 lumens
Efficiency: N/A
Efficacy: 20.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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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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°	140559
5°	137420
10°	127787
15°	113712
20°	97799
25°	82843
30°	68770
35°	53940
40°	38672
45°	25367
50°	14430
55°	9481
60°	8947
65°	8354
70°	7501
75°	6778
80°	6440
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25367 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.0	9.7
10°-20°	139.2	23.4
20°-30°	156.9	26.4
30°-40°	125.3	21.1
40°-50°	64.4	10.8
50°-60°	24.2	4.1
60°-70°	15.9	2.7
70°-80°	8.6	1.4
80°-90°	2.5	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°	354.1	59.5
0°-40°	479.4	80.6
0°-60°	568.0	95.5
0°-90°	595.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	595.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	641	
5°	624	58
15°	501	139
25°	342	157
35°	202	125
45°	82	64
55°	25	24
65°	16	16
75°	8	9
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	641.0
1°	641.0
2°	638.9
3°	635.2
4°	630.1
5°	624.3
6°	617.0
7°	607.5
8°	597.2
9°	585.6
10°	573.9
11°	560.7
12°	546.9
13°	532.3
14°	516.9
15°	500.9
17.5°	460.0
20°	419.1
22.5°	379.7
25°	342.4
27.5°	305.9
30°	271.6
32.5°	236.6
35°	201.5
37.5°	167.2
40°	135.1
42.5°	106.6
45°	81.8
47.5°	60.6
50°	42.3
52.5°	29.9
55°	24.8
57.5°	22.6
60°	20.4
62.5°	18.3
65°	16.1
67.5°	13.9
70°	11.7
72.5°	9.5
75°	8.0
77.5°	6.6
80°	5.1
82.5°	3.7
85°	2.2
87.5°	0.7



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)