

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: P1257380

Luminaire Tested: P3AS13R309040DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257380
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: P3AS13R309040DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

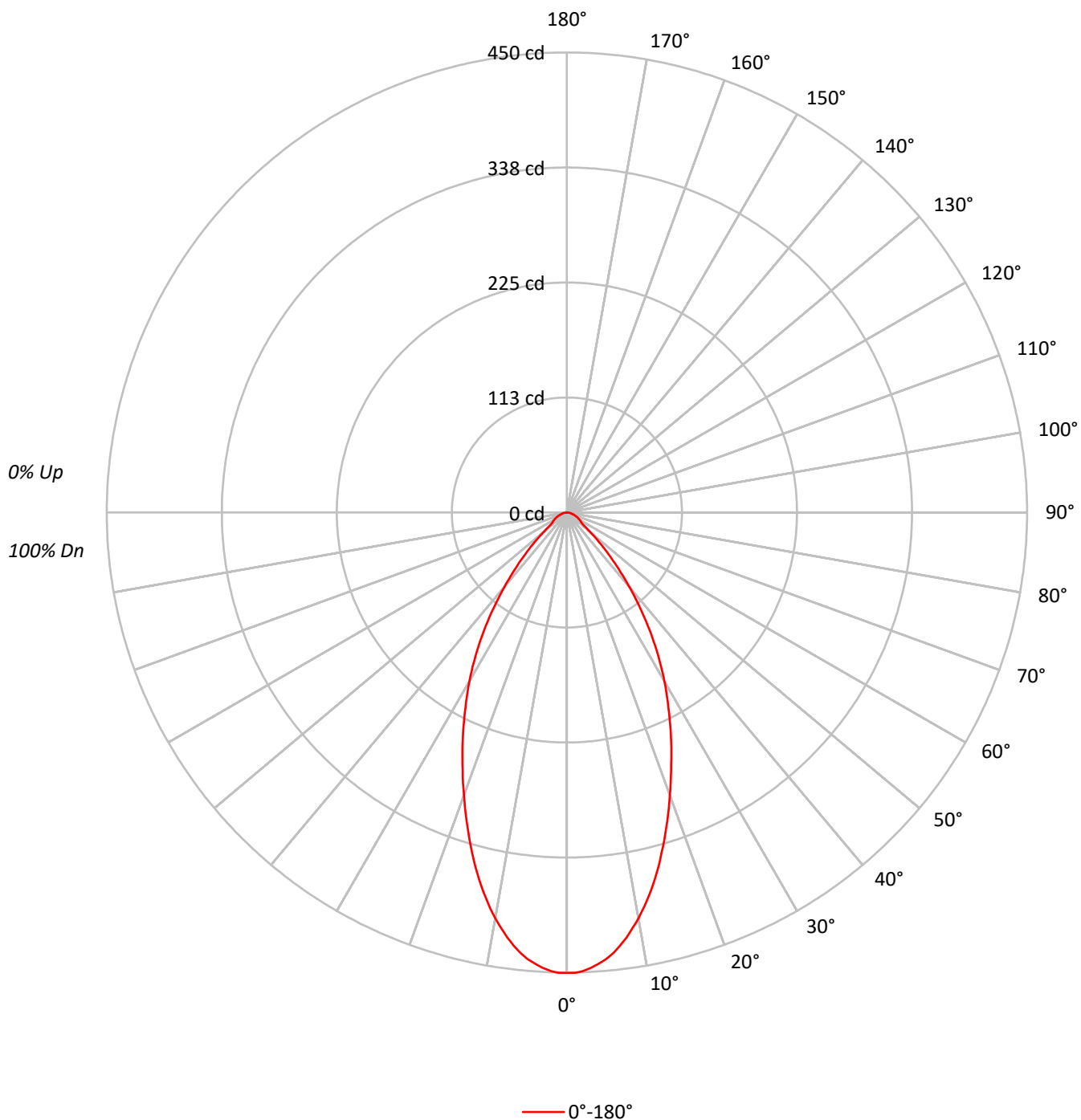
Lumens per Lamp: N/A
Luminaire Lumens: 418.0 lumens
Efficiency: N/A
Efficacy: 28.6 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	86	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°	98764
5°	96544
10°	89778
15°	79887
20°	68699
25°	58213
30°	48311
35°	37905
40°	27165
45°	17800
50°	10132
55°	6652
60°	6315
65°	5863
70°	5257
75°	4745
80°	4546
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17800 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.7	9.7
10°-20°	97.8	23.4
20°-30°	110.2	26.4
30°-40°	88.0	21.1
40°-50°	45.2	10.8
50°-60°	17.0	4.1
60°-70°	11.2	2.7
70°-80°	6.0	1.4
80°-90°	1.7	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°	248.8	59.5
0°-40°	336.8	80.6
0°-60°	399.1	95.5
0°-90°	418.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	418.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	450	
5°	439	41
15°	352	98
25°	241	110
35°	142	88
45°	57	45
55°	17	17
65°	11	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	450.4
1°	450.4
2°	448.8
3°	446.2
4°	442.7
5°	438.6
6°	433.4
7°	426.8
8°	419.6
9°	411.4
10°	403.2
11°	393.9
12°	384.2
13°	373.9
14°	363.2
15°	351.9
17.5°	323.1
20°	294.4
22.5°	266.7
25°	240.6
27.5°	214.9
30°	190.8
32.5°	166.2
35°	141.6
37.5°	117.5
40°	94.9
42.5°	74.9
45°	57.4
47.5°	42.6
50°	29.7
52.5°	21.0
55°	17.4
57.5°	15.9
60°	14.4
62.5°	12.8
65°	11.3
67.5°	9.7
70°	8.2
72.5°	6.7
75°	5.6
77.5°	4.6
80°	3.6
82.5°	2.6
85°	1.5
87.5°	0.5



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)