

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: P1257321

Luminaire Tested: P3AS13R209040DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257321
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R209040DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

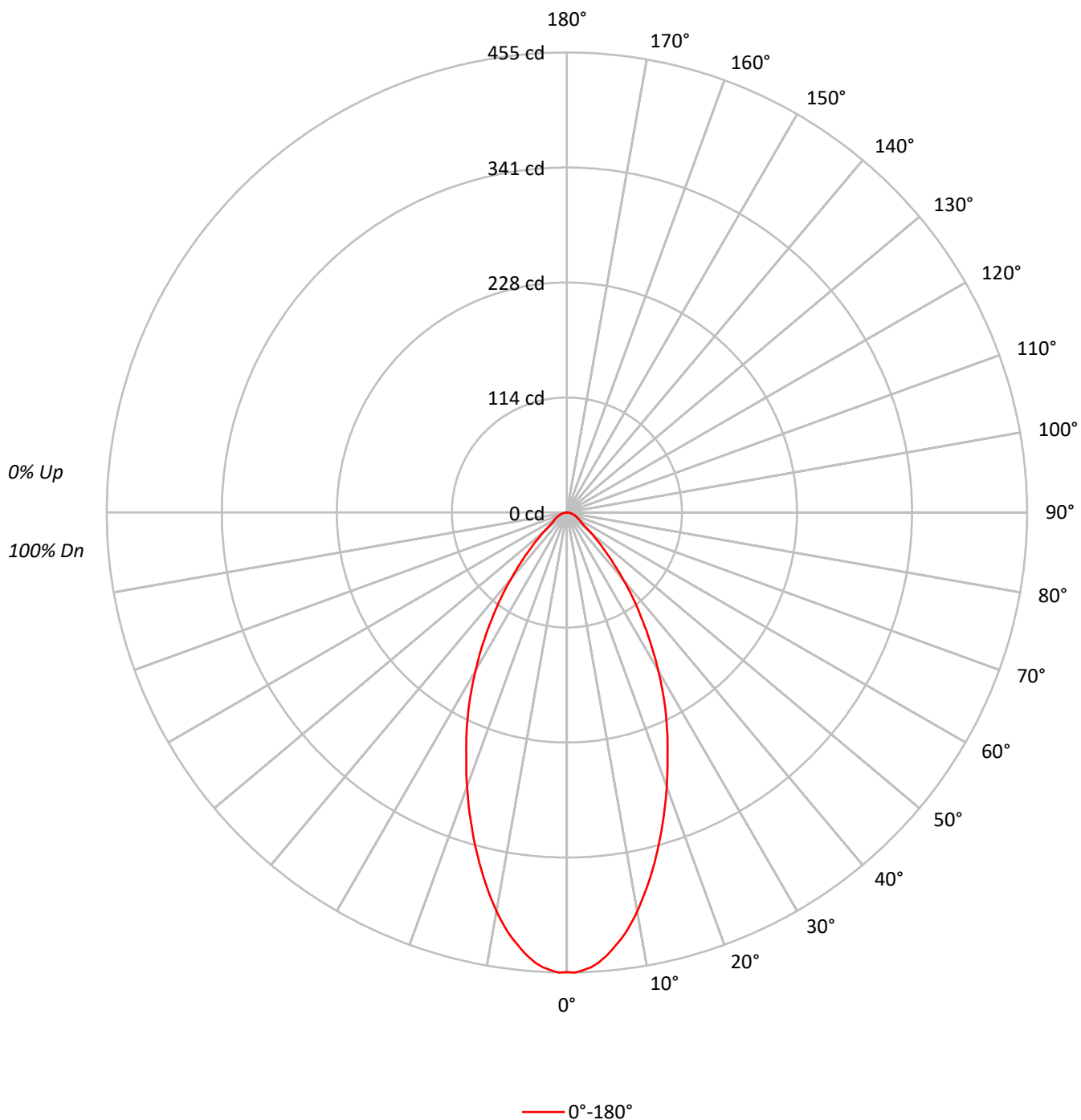
Lumens per Lamp: N/A
Luminaire Lumens: 403.0 lumens
Efficiency: N/A
Efficacy: 27.6 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	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		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	99685
5°	97028
10°	89244
15°	78570
20°	67369
25°	56592
30°	45754
35°	34800
40°	24761
45°	16343
50°	10132
55°	6652
60°	6052
65°	5604
70°	5257
75°	4745
80°	4546
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16343 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.8	10.1
10°-20°	96.3	23.9
20°-30°	106.9	26.5
30°-40°	81.6	20.2
40°-50°	41.8	10.4
50°-60°	17.2	4.3
60°-70°	10.7	2.7
70°-80°	6.0	1.5
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°	244.0	60.6
0°-40°	325.6	80.8
0°-60°	384.5	95.4
0°-90°	403.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	403.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	455	
5°	441	41
15°	346	96
25°	234	107
35°	130	82
45°	53	42
55°	17	17
65°	11	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	454.6
1°	455.1
2°	453.1
3°	450.5
4°	446.4
5°	440.8
6°	434.1
7°	426.9
8°	419.3
9°	410.1
10°	400.8
12.5°	374.2
15°	346.1
17.5°	317.4
20°	288.7
22.5°	260.1
25°	233.9
27.5°	207.8
30°	180.7
32.5°	155.1
35°	130.0
37.5°	108.0
40°	86.5
42.5°	68.1
45°	52.7
47.5°	39.9
50°	29.7
52.5°	22.0
55°	17.4
57.5°	15.9
60°	13.8
62.5°	12.3
65°	10.8
67.5°	9.2
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
90°	0.0

(END OF REPORT)