

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: P1256131

Luminaire Tested: P3AS02R209040DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256131
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: P3AS02R209040DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

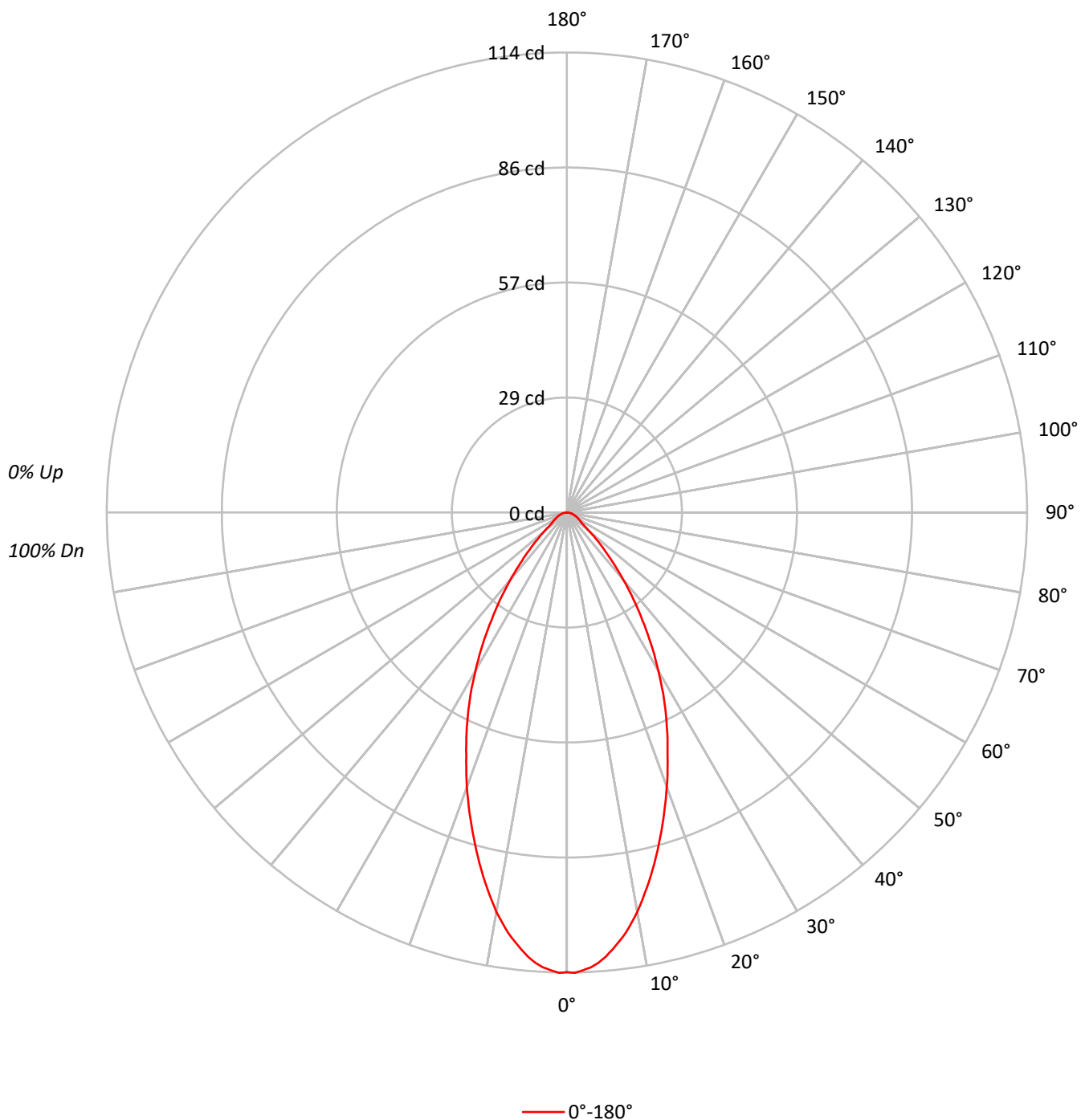
Lumens per Lamp: N/A
Luminaire Lumens: 101.0 lumens
Efficiency: N/A
Efficacy: 28.1 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	84	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	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	24976
5°	24323
10°	22378
15°	19682
20°	16895
25°	14178
30°	11470
35°	8727
40°	6212
45°	4093
50°	2524
55°	1682
60°	1535
65°	1401
70°	1346
75°	1186
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4093 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.2	10.1
10°-20°	24.1	23.9
20°-30°	26.8	26.5
30°-40°	20.5	20.2
40°-50°	10.5	10.4
50°-60°	4.3	4.3
60°-70°	2.7	2.7
70°-80°	1.5	1.5
80°-90°	0.4	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°	61.2	60.5
0°-40°	81.6	80.8
0°-60°	96.4	95.4
0°-90°	101.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	101.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	114	
5°	110	10
15°	87	24
25°	59	27
35°	33	20
45°	13	10
55°	4	4
65°	3	3
75°	1	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	113.9
1°	114.1
2°	113.5
3°	112.9
4°	111.9
5°	110.5
6°	108.8
7°	107.0
8°	105.1
9°	102.8
10°	100.5
12.5°	93.8
15°	86.7
17.5°	79.5
20°	72.4
22.5°	65.2
25°	58.6
27.5°	52.1
30°	45.3
32.5°	38.9
35°	32.6
37.5°	27.1
40°	21.7
42.5°	17.1
45°	13.2
47.5°	10.0
50°	7.4
52.5°	5.5
55°	4.4
57.5°	4.0
60°	3.5
62.5°	3.1
65°	2.7
67.5°	2.3
70°	2.1
72.5°	1.7
75°	1.4
77.5°	1.2
80°	0.9
82.5°	0.6
85°	0.4
87.5°	0.1
90°	0.0

(END OF REPORT)