

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: P1250717

Luminaire Tested: P3AS02R209030DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250717
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: P3AS02R209030DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

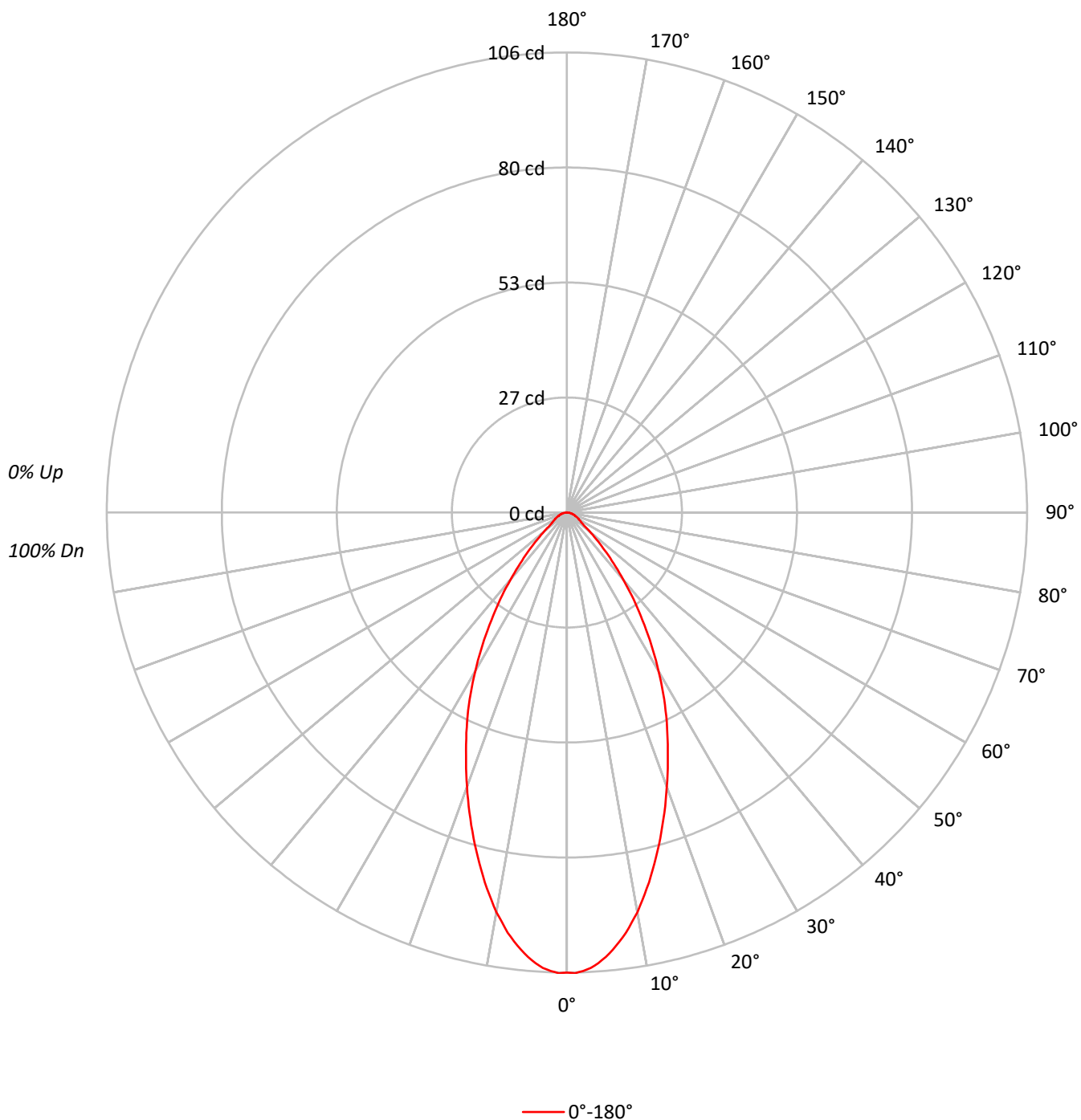
Lumens per Lamp: N/A
Luminaire Lumens: 94.0 lumens
Efficiency: N/A
Efficacy: 26.1 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	109	106	104		110	107	105	102		103	101	99		99	98	96		96	95	93
2	106	100	96	92		104	99	94	91		95	92	89		92	89	87		90	87	85
3	100	93	87	82		98	91	86	82		88	84	80		86	82	79		84	81	78
4	94	86	79	75		92	85	79	74		82	77	73		80	76	72		78	75	72
5	89	80	73	68		87	79	73	68		77	71	67		75	70	67		73	69	66
6	84	74	68	63		82	73	67	63		72	66	62		70	65	62		69	65	61
7	80	69	63	58		78	69	62	58		67	62	58		66	61	57		65	60	57
8	75	65	59	54		74	64	58	54		63	58	54		62	57	53		61	57	53
9	72	61	55	50		70	61	55	50		60	54	50		59	54	50		58	53	50
10	68	58	51	47		67	57	51	47		56	51	47		56	51	47		55	50	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	23244
5°	22628
10°	20819
15°	18320
20°	15705
25°	13210
30°	10685
35°	8111
40°	5782
45°	3814
50°	2354
55°	1567
60°	1403
65°	1297
70°	1218
75°	1101
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3814 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.5	10.1
10°-20°	22.5	23.9
20°-30°	25.0	26.5
30°-40°	19.0	20.2
40°-50°	9.7	10.4
50°-60°	4.0	4.3
60°-70°	2.5	2.6
70°-80°	1.4	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°	56.9	60.6
0°-40°	76.0	80.8
0°-60°	89.7	95.4
0°-90°	94.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	94.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	106	
5°	103	10
15°	81	22
25°	55	25
35°	30	19
45°	12	10
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	106.0
1°	106.2
2°	105.7
3°	105.1
4°	104.1
5°	102.8
6°	101.3
7°	99.6
8°	97.8
9°	95.6
10°	93.5
12.5°	87.3
15°	80.7
17.5°	74.0
20°	67.3
22.5°	60.7
25°	54.6
27.5°	48.5
30°	42.2
32.5°	36.2
35°	30.3
37.5°	25.2
40°	20.2
42.5°	15.9
45°	12.3
47.5°	9.3
50°	6.9
52.5°	5.1
55°	4.1
57.5°	3.7
60°	3.2
62.5°	2.9
65°	2.5
67.5°	2.1
70°	1.9
72.5°	1.6
75°	1.3
77.5°	1.1
80°	0.8
82.5°	0.6
85°	0.4
87.5°	0.1
90°	0.0

(END OF REPORT)