

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: P1254207

Luminaire Tested: P3AS09R209035DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254207
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: P3AS09R209035DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

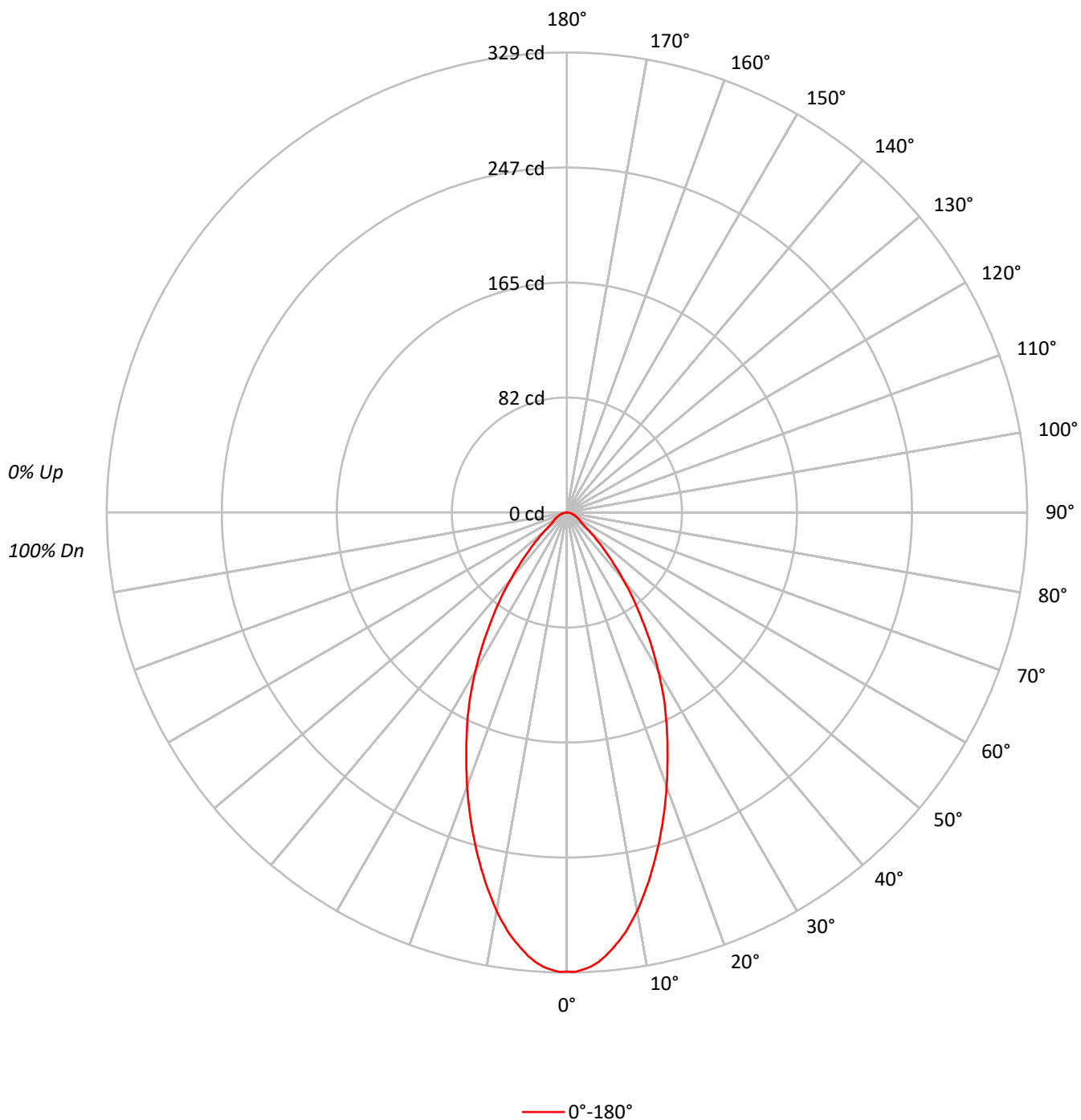
Lumens per Lamp: N/A
Luminaire Lumens: 291.1 lumens
Efficiency: N/A
Efficacy: 26.2 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96	95	93	91
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90	87	85	83
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84	81	78	76
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78	75	72	70
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73	69	66	65
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69	65	61	60
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65	60	57	55
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61	57	53	52
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58	53	50	48
10	68	58	51	47	67	57	51	47	56	51	47		56	50	47		55	50	47	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	71990
5°	70064
10°	64439
15°	56731
20°	48654
25°	40865
30°	33043
35°	25136
40°	17891
45°	11815
50°	7300
55°	4817
60°	4386
65°	4047
70°	3783
75°	3474
80°	3283
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11815 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.4	10.1
10°-20°	69.6	23.9
20°-30°	77.2	26.5
30°-40°	58.9	20.2
40°-50°	30.2	10.4
50°-60°	12.4	4.3
60°-70°	7.8	2.7
70°-80°	4.3	1.5
80°-90°	1.3	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°	176.2	60.5
0°-40°	235.1	80.8
0°-60°	277.7	95.4
0°-90°	291.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	291.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	328	
5°	318	29
15°	250	70
25°	169	77
35°	94	59
45°	38	30
55°	13	12
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	328.3
1°	328.6
2°	327.1
3°	325.3
4°	322.3
5°	318.3
6°	313.5
7°	308.3
8°	302.7
9°	296.1
10°	289.4
12.5°	270.2
15°	249.9
17.5°	229.2
20°	208.5
22.5°	187.8
25°	168.9
27.5°	150.1
30°	130.5
32.5°	112.0
35°	93.9
37.5°	78.0
40°	62.5
42.5°	49.2
45°	38.1
47.5°	28.8
50°	21.4
52.5°	15.9
55°	12.6
57.5°	11.5
60°	10.0
62.5°	8.9
65°	7.8
67.5°	6.7
70°	5.9
72.5°	4.8
75°	4.1
77.5°	3.3
80°	2.6
82.5°	1.8
85°	1.1
87.5°	0.4
90°	0.0

(END OF REPORT)