

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: P1276380

Luminaire Tested: P3AS17R209835DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276380
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: P3AS17R209835DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

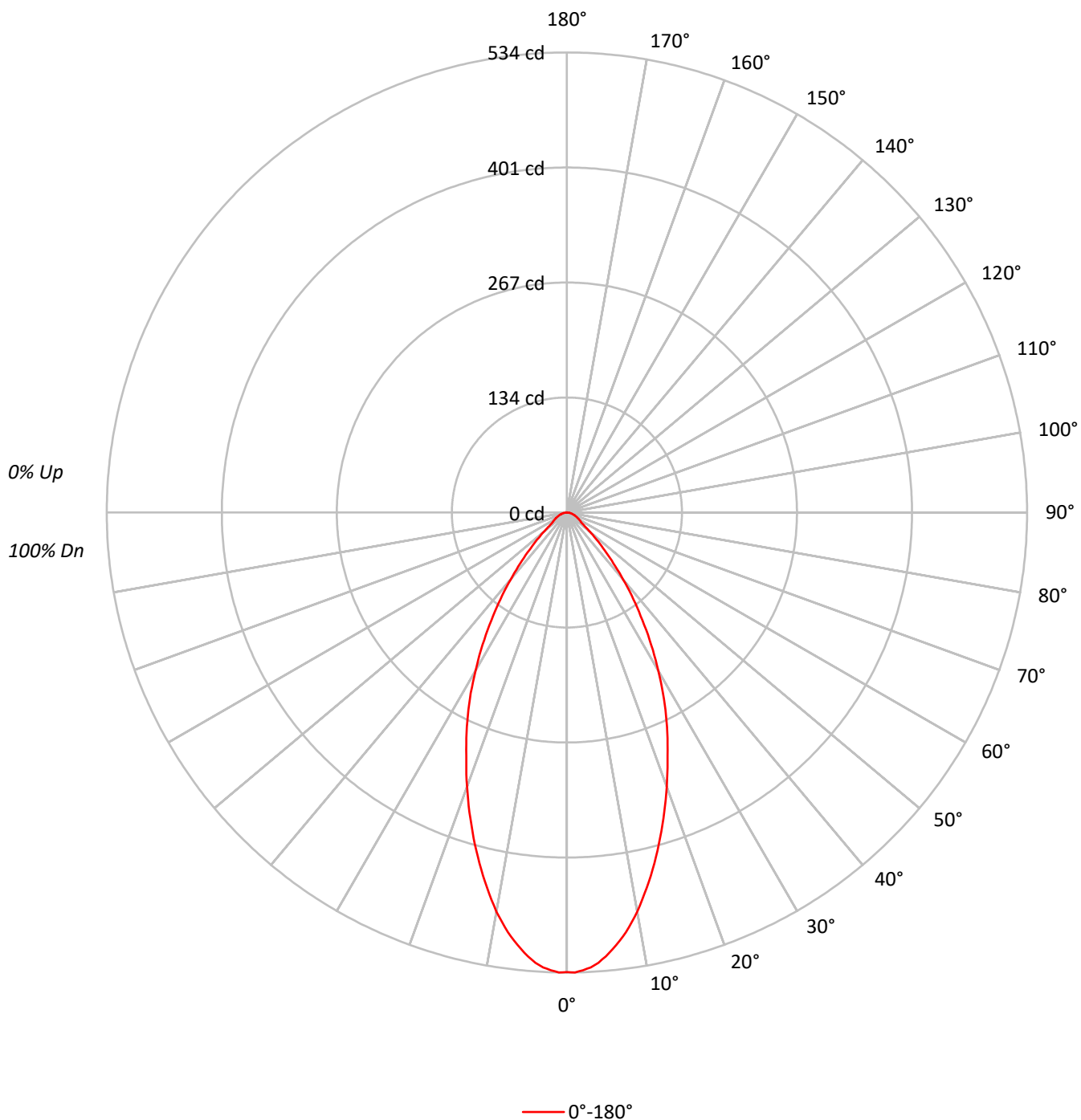
Lumens per Lamp: N/A
Luminaire Lumens: 472.9 lumens
Efficiency: N/A
Efficacy: 23.2 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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°	116986
5°	113867
10°	104763
15°	92214
20°	79084
25°	66439
30°	53704
35°	40850
40°	29054
45°	19196
50°	11872
55°	7799
60°	7105
65°	6538
70°	6155
75°	5592
80°	5304
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19196 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.9	10.1
10°-20°	113.1	23.9
20°-30°	125.5	26.5
30°-40°	95.7	20.2
40°-50°	49.0	10.4
50°-60°	20.1	4.3
60°-70°	12.5	2.7
70°-80°	7.0	1.5
80°-90°	2.0	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°	286.4	60.6
0°-40°	382.2	80.8
0°-60°	451.3	95.4
0°-90°	472.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	472.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	534	
5°	517	48
15°	406	113
25°	275	126
35°	153	96
45°	62	49
55°	20	20
65°	13	13
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	533.5
1°	534.1
2°	531.7
3°	528.7
4°	523.9
5°	517.3
6°	509.5
7°	501.1
8°	492.1
9°	481.3
10°	470.5
12.5°	439.2
15°	406.2
17.5°	372.5
20°	338.9
22.5°	305.2
25°	274.6
27.5°	243.9
30°	212.1
32.5°	182.1
35°	152.6
37.5°	126.8
40°	101.5
42.5°	79.9
45°	61.9
47.5°	46.9
50°	34.8
52.5°	25.8
55°	20.4
57.5°	18.6
60°	16.2
62.5°	14.4
65°	12.6
67.5°	10.8
70°	9.6
72.5°	7.8
75°	6.6
77.5°	5.4
80°	4.2
82.5°	3.0
85°	1.8
87.5°	0.6
90°	0.0

(END OF REPORT)