

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: P1249576

Luminaire Tested: P3AS17R209027DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249576
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: P3AS17R209027DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

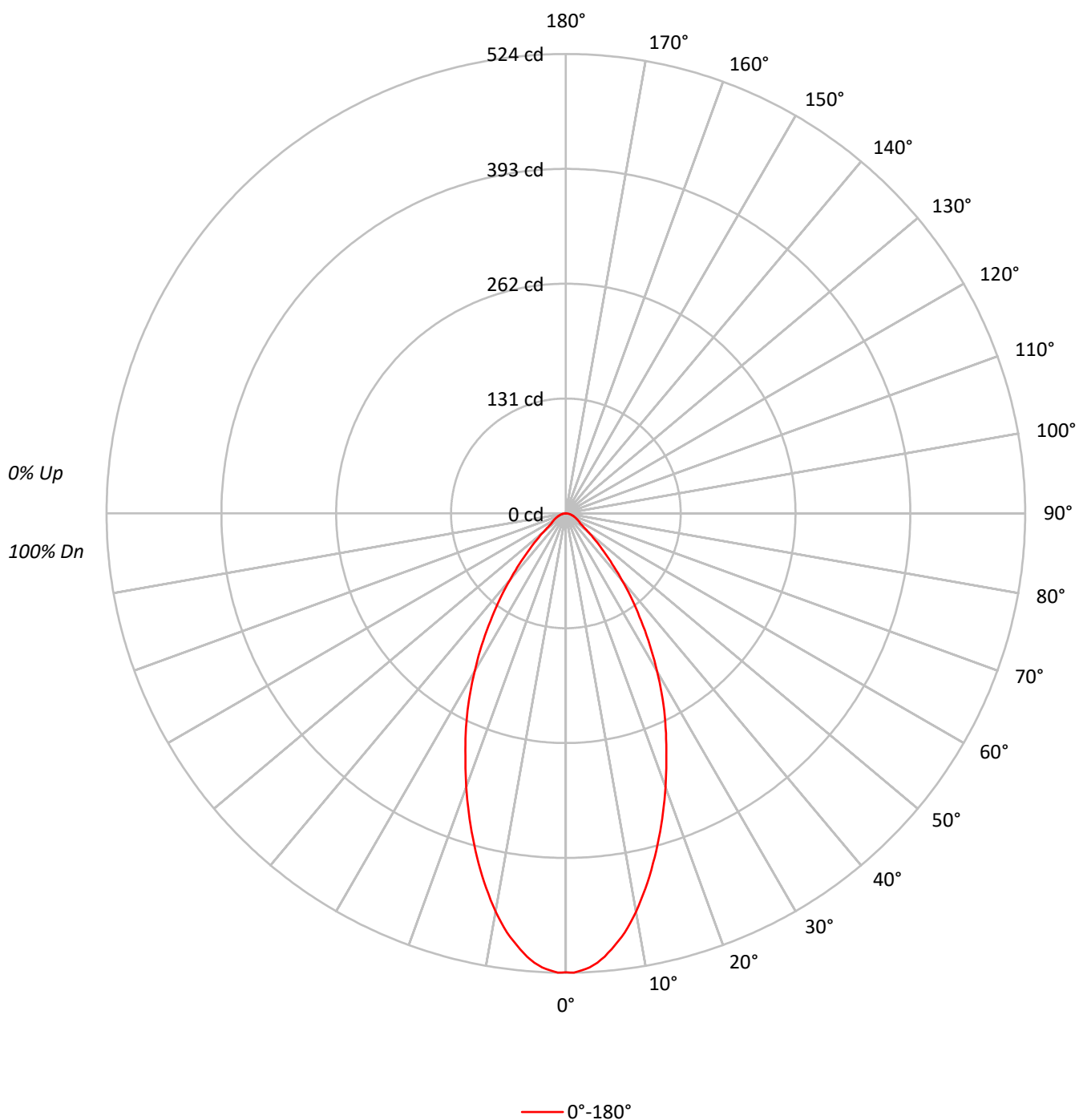
Lumens per Lamp: N/A
Luminaire Lumens: 464.0 lumens
Efficiency: N/A
Efficacy: 21.9 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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°	114772
5°	111710
10°	102759
15°	90443
20°	77567
25°	65181
30°	52692
35°	40074
40°	28511
45°	18824
50°	11667
55°	7646
60°	6973
65°	6434
70°	6027
75°	5507
80°	5177
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18824 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.9	10.1
10°-20°	110.9	23.9
20°-30°	123.1	26.5
30°-40°	93.9	20.2
40°-50°	48.1	10.4
50°-60°	19.7	4.3
60°-70°	12.3	2.7
70°-80°	6.9	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°	281.0	60.6
0°-40°	374.9	80.8
0°-60°	442.8	95.4
0°-90°	464.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	464.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	523	
5°	508	47
15°	398	111
25°	269	123
35°	150	94
45°	61	48
55°	20	20
65°	12	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	523.4
1°	524.0
2°	521.6
3°	518.7
4°	514.0
5°	507.5
6°	499.8
7°	491.6
8°	482.7
9°	472.1
10°	461.5
12.5°	430.9
15°	398.4
17.5°	365.4
20°	332.4
22.5°	299.4
25°	269.4
27.5°	239.3
30°	208.1
32.5°	178.6
35°	149.7
37.5°	124.4
40°	99.6
42.5°	78.4
45°	60.7
47.5°	46.0
50°	34.2
52.5°	25.3
55°	20.0
57.5°	18.3
60°	15.9
62.5°	14.1
65°	12.4
67.5°	10.6
70°	9.4
72.5°	7.7
75°	6.5
77.5°	5.3
80°	4.1
82.5°	2.9
85°	1.8
87.5°	0.6
90°	0.0

(END OF REPORT)