

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: P1286731

Luminaire Tested: P3AS09R209030D2WDE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286731
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: P3AS09R209030D2WDE010 E3DLD1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

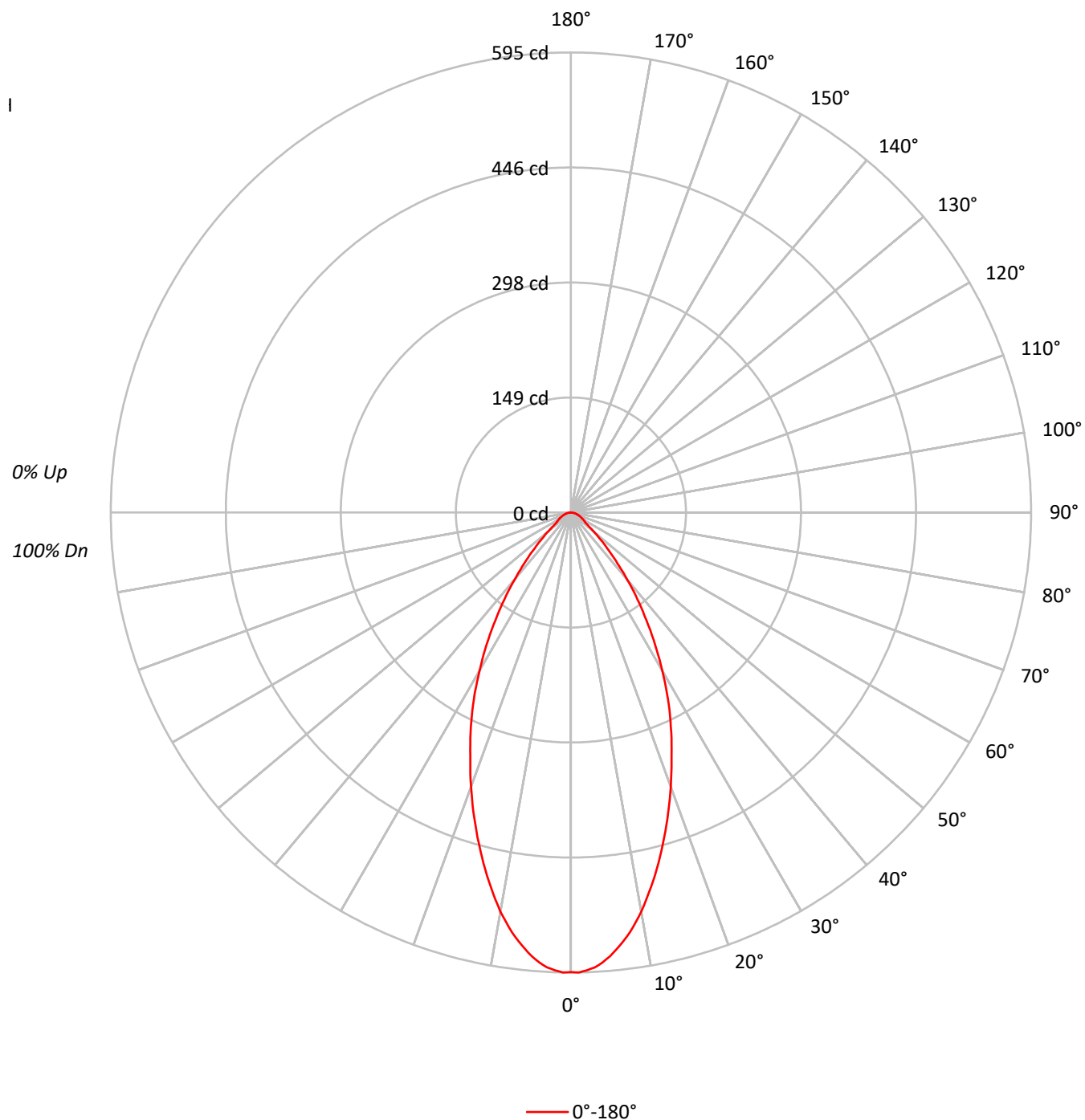
Lumens per Lamp: N/A
Luminaire Lumens: 527.0 lumens
Efficiency: N/A
Efficacy: 35.9 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	130362
5°	126876
10°	116720
15°	102725
20°	88114
25°	74012
30°	59832
35°	45508
40°	32375
45°	21398
50°	13236
55°	8717
60°	7938
65°	7316
70°	6860
75°	6270
80°	5935
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21398 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.3	10.1
10°-20°	126.0	23.9
20°-30°	139.8	26.5
30°-40°	106.7	20.2
40°-50°	54.6	10.4
50°-60°	22.5	4.3
60°-70°	14.0	2.7
70°-80°	7.9	1.5
80°-90°	2.3	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°	319.2	60.6
0°-40°	425.8	80.8
0°-60°	502.9	95.4
0°-90°	527.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	527.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	594	
5°	576	53
15°	452	126
25°	306	140
35°	170	107
45°	69	55
55°	23	22
65°	14	14
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	594.5
1°	595.1
2°	592.5
3°	589.1
4°	583.7
5°	576.4
6°	567.7
7°	558.3
8°	548.3
9°	536.2
10°	524.2
12.5°	489.4
15°	452.5
17.5°	415.1
20°	377.6
22.5°	340.1
25°	305.9
27.5°	271.8
30°	236.3
32.5°	202.8
35°	170.0
37.5°	141.3
40°	113.1
42.5°	89.0
45°	69.0
47.5°	52.2
50°	38.8
52.5°	28.8
55°	22.8
57.5°	20.8
60°	18.1
62.5°	16.1
65°	14.1
67.5°	12.0
70°	10.7
72.5°	8.7
75°	7.4
77.5°	6.0
80°	4.7
82.5°	3.3
85°	2.0
87.5°	0.7
90°	0.0

(END OF REPORT)