

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: P1255338

Luminaire Tested: P3AS20R209035D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255338
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: P3AS20R209035D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

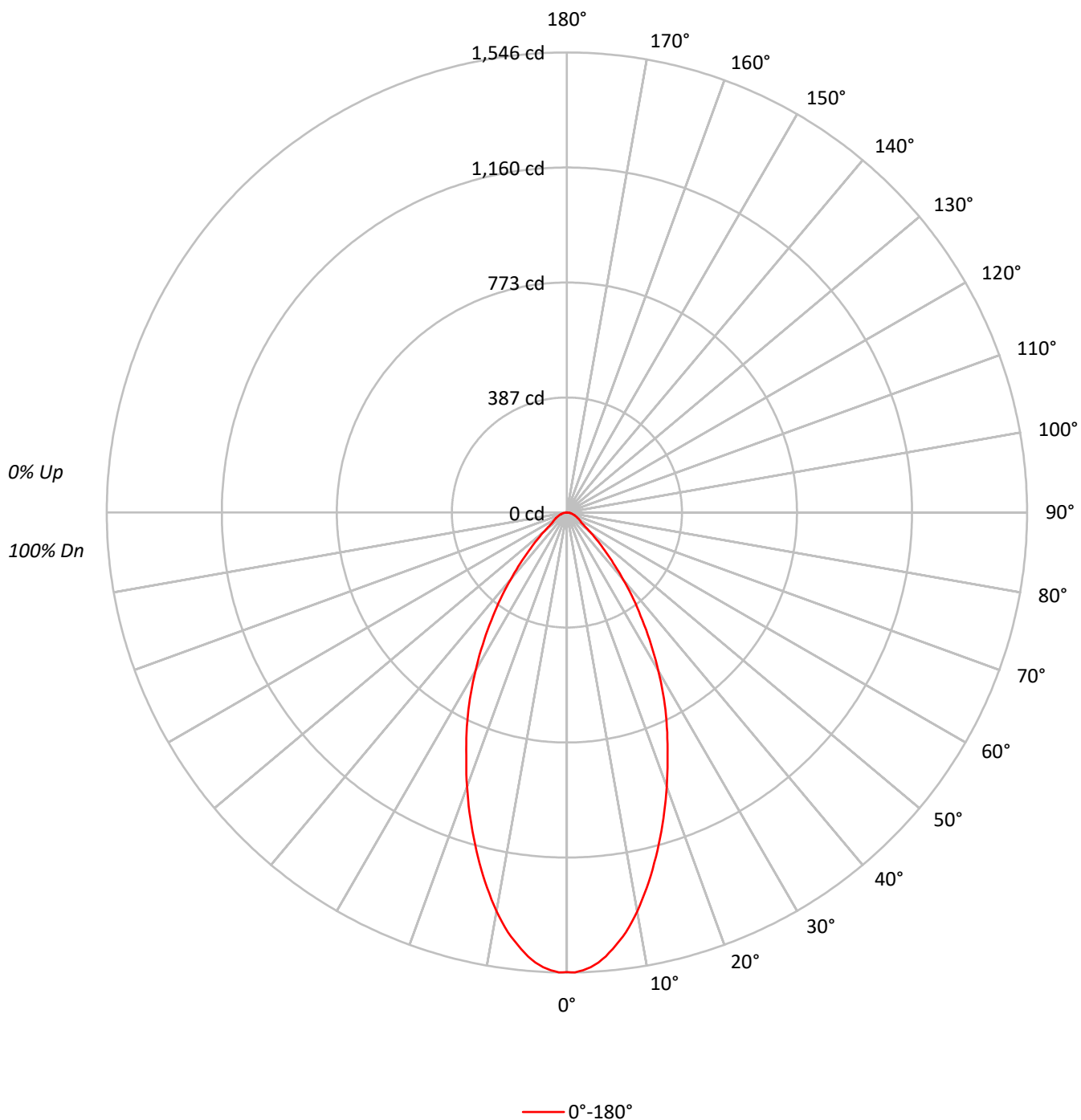
Lumens per Lamp: N/A
Luminaire Lumens: 1369.0 lumens
Efficiency: N/A
Efficacy: 47.5 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	30	10	50	30	10
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	51	47	55	50	47	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	338613
5°	329583
10°	303179
15°	266880
20°	228873
25°	192277
30°	155442
35°	118240
40°	84129
45°	55541
50°	34421
55°	22594
60°	20612
65°	18938
70°	17824
75°	16182
80°	15406
85°	13083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 55541 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.5	10.1
10°-20°	327.3	23.9
20°-30°	363.2	26.5
30°-40°	277.1	20.2
40°-50°	141.9	10.4
50°-60°	58.3	4.3
60°-70°	36.3	2.7
70°-80°	20.4	1.5
80°-90°	5.9	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°	829.0	60.6
0°-40°	1106.1	80.8
0°-60°	1306.3	95.4
0°-90°	1369.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1369.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1544	
5°	1497	139
15°	1176	327
25°	795	363
35°	442	277
45°	179	142
55°	59	58
65°	36	36
75°	19	20
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1544.2
1°	1546.0
2°	1539.0
3°	1530.3
4°	1516.4
5°	1497.3
6°	1474.7
7°	1450.3
8°	1424.3
9°	1392.9
10°	1361.6
12.5°	1271.2
15°	1175.6
17.5°	1078.2
20°	980.8
22.5°	883.4
25°	794.7
27.5°	706.0
30°	613.9
32.5°	526.9
35°	441.7
37.5°	366.9
40°	293.9
42.5°	231.3
45°	179.1
47.5°	135.6
50°	100.9
52.5°	74.8
55°	59.1
57.5°	53.9
60°	47.0
62.5°	41.7
65°	36.5
67.5°	31.3
70°	27.8
72.5°	22.6
75°	19.1
77.5°	15.7
80°	12.2
82.5°	8.7
85°	5.2
87.5°	1.7
90°	0.0

(END OF REPORT)