

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: P1268107

Luminaire Tested: P3AS20R209735D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268107
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R209735D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

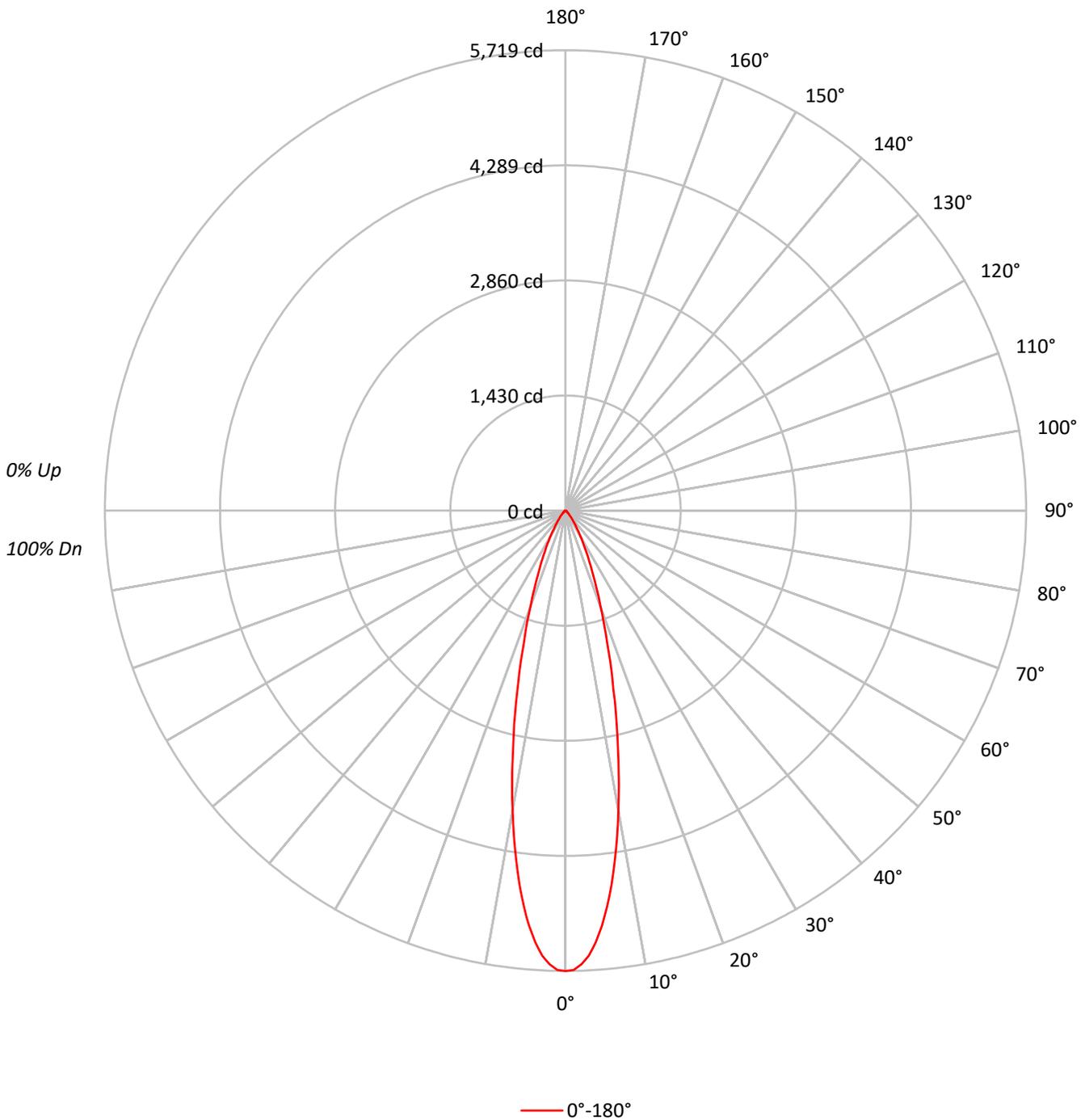
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1630.0 lumens
Efficiency: N/A
Efficacy: 56.6 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
Input Voltage (V): NR
Input Current (A_{in}): 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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91	91	91	91
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87	87	87	87
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83	83	83	83
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79	79	79	79
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76	76	76	76
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73	73	73	73
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	78	74	72	71	71	71	71
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	68	68	68	68
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66	66	66	66

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1254088
5°	1139993
10°	842536
15°	521183
20°	297643
25°	169921
30°	95280
35°	51852
40°	28396
45°	15630
50°	9143
55°	6614
60°	6228
65°	5707
70°	5065
75°	5338
80°	3915
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 15630 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	448.5	27.5
10°-20°	640.2	39.3
20°-30°	334.2	20.5
30°-40°	129.2	7.9
40°-50°	41.9	2.6
50°-60°	16.5	1.0
60°-70°	10.9	0.7
70°-80°	6.4	0.4
80°-90°	2.1	0.1
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°	1422.9	87.3
0°-40°	1552.1	95.2
0°-60°	1610.5	98.8
0°-90°	1630.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1630.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5719	
5°	5179	448
15°	2296	640
25°	702	334
35°	194	129
45°	50	42
55°	17	16
65°	11	11
75°	6	6
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	5719.1
1°	5708.1
2°	5640.4
3°	5536.5
4°	5375.9
5°	5179.0
6°	4946.0
7°	4687.8
8°	4388.6
9°	4097.3
10°	3783.9
12.5°	3007.6
15°	2295.8
17.5°	1717.9
20°	1275.5
22.5°	944.8
25°	702.3
27.5°	518.1
30°	376.3
32.5°	272.4
35°	193.7
37.5°	140.1
40°	99.2
42.5°	70.9
45°	50.4
47.5°	36.2
50°	26.8
52.5°	20.5
55°	17.3
57.5°	15.7
60°	14.2
62.5°	12.6
65°	11.0
67.5°	9.4
70°	7.9
72.5°	7.9
75°	6.3
77.5°	4.7
80°	3.1
82.5°	3.1
85°	1.6
87.5°	1.6
90°	0.0

(END OF REPORT)