

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: P1276724

Luminaire Tested: P3AS20R209835D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276724
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: P3AS20R209835D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

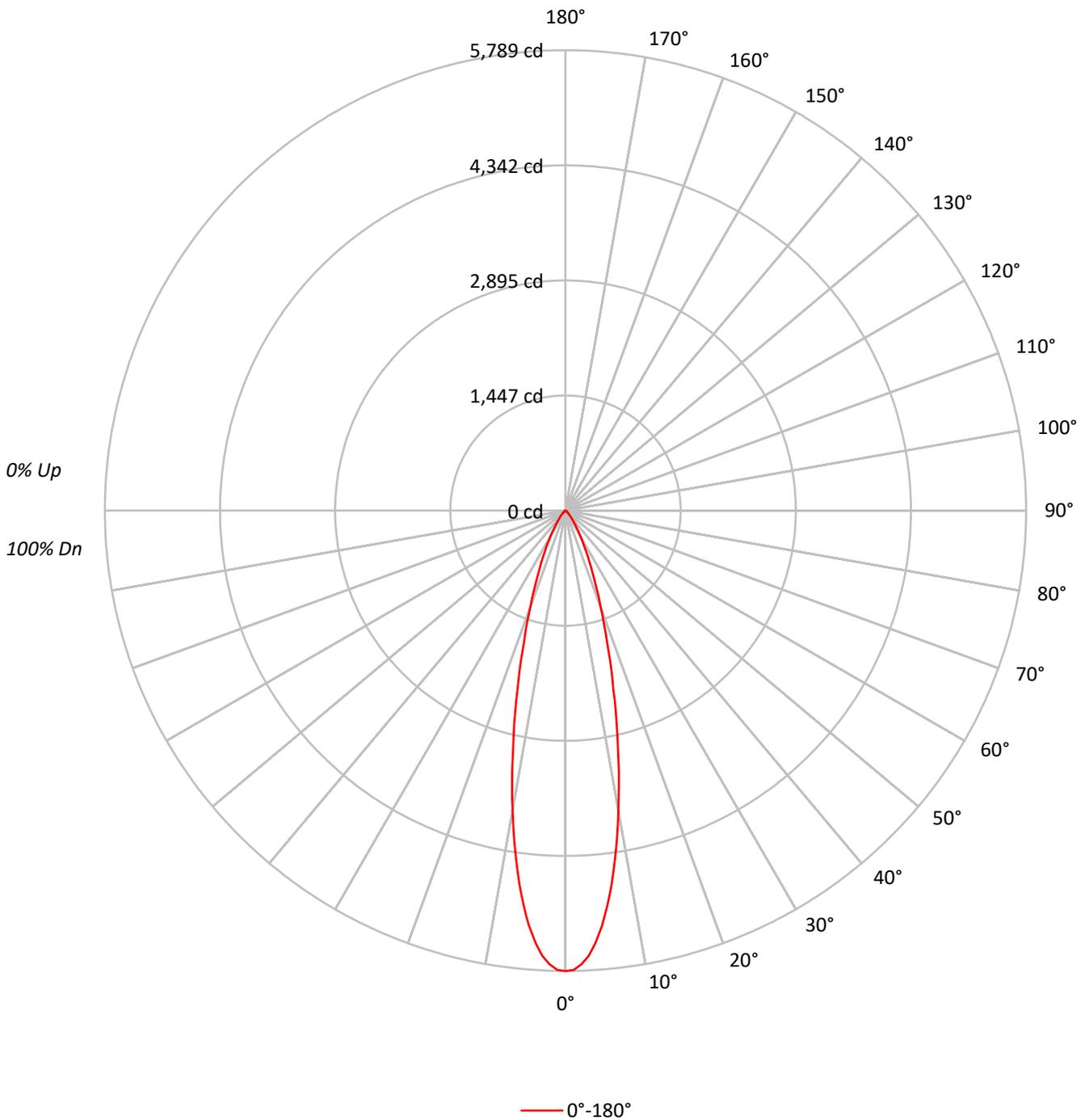
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1650.0 lumens
Efficiency: N/A
Efficacy: 60.2 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): 27.4
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			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°	1269482
5°	1153992
10°	852868
15°	527585
20°	301283
25°	172002
30°	96471
35°	52494
40°	28740
45°	15816
50°	9245
55°	6690
60°	6271
65°	5811
70°	5129
75°	5422
80°	4041
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 15816 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	454.0	27.5
10°-20°	648.1	39.3
20°-30°	338.3	20.5
30°-40°	130.8	7.9
40°-50°	42.4	2.6
50°-60°	16.7	1.0
60°-70°	11.1	0.7
70°-80°	6.5	0.4
80°-90°	2.2	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°	1440.3	87.3
0°-40°	1571.1	95.2
0°-60°	1630.3	98.8
0°-90°	1650.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1650.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5789	
5°	5243	454
15°	2324	648
25°	711	338
35°	196	131
45°	51	42
55°	18	17
65°	11	11
75°	6	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	5789.3
1°	5778.2
2°	5709.6
3°	5604.4
4°	5441.8
5°	5242.6
6°	5006.7
7°	4745.3
8°	4442.4
9°	4147.5
10°	3830.3
12.5°	3044.5
15°	2324.0
17.5°	1739.0
20°	1291.1
22.5°	956.4
25°	710.9
27.5°	524.4
30°	381.0
32.5°	275.8
35°	196.1
37.5°	141.9
40°	100.4
42.5°	71.7
45°	51.0
47.5°	36.7
50°	27.1
52.5°	20.7
55°	17.5
57.5°	15.9
60°	14.3
62.5°	12.8
65°	11.2
67.5°	9.6
70°	8.0
72.5°	8.0
75°	6.4
77.5°	4.8
80°	3.2
82.5°	3.2
85°	1.6
87.5°	1.6
90°	0.0

(END OF REPORT)