

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: P1255519

Luminaire Tested: P3AS20R509035D010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255519
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R509035D010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

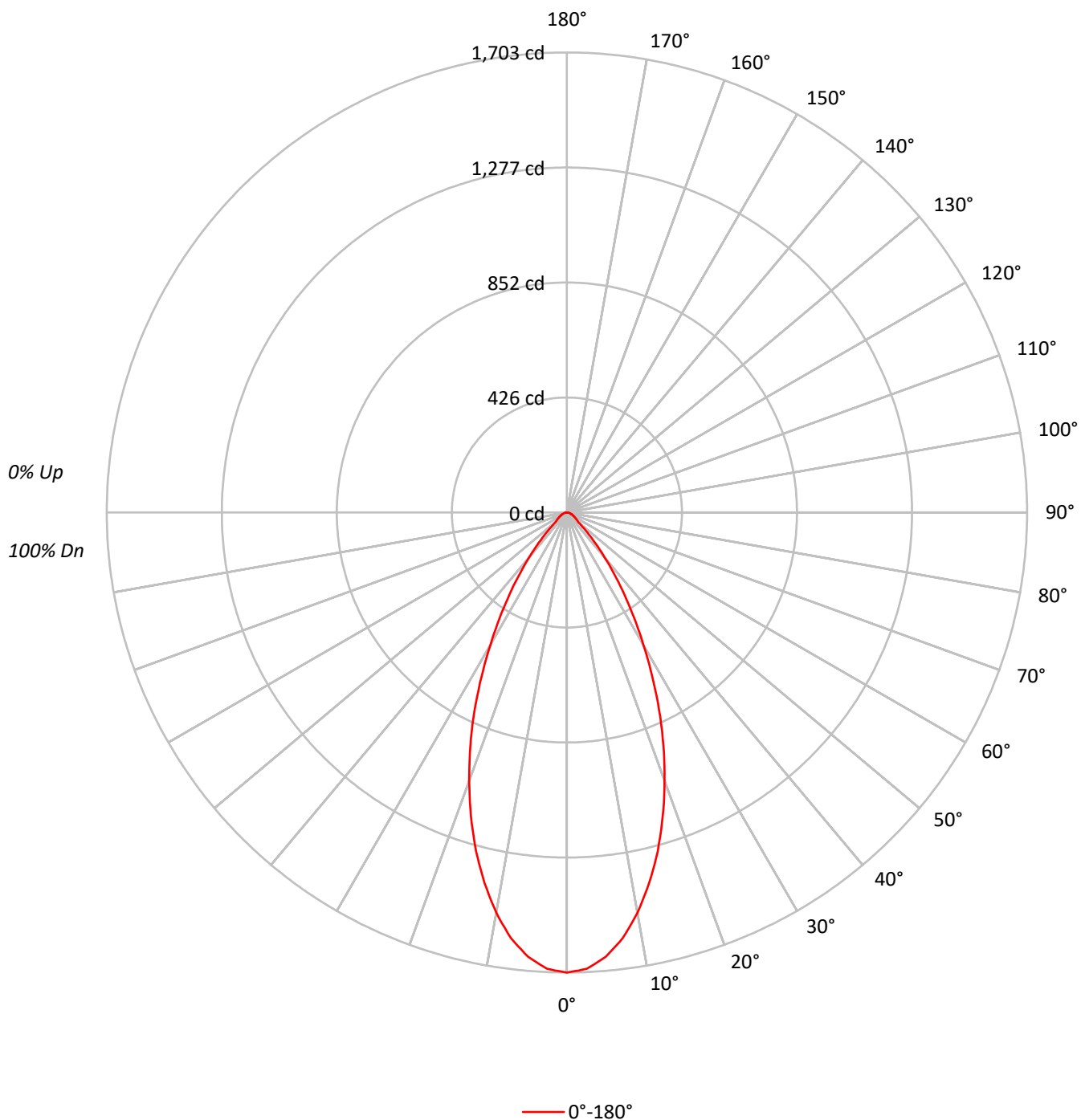
Lumens per Lamp: N/A
Luminaire Lumens: 1284.1 lumens
Efficiency: N/A
Efficacy: 44.6 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		77
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	373457
5°	363393
10°	335086
15°	294690
20°	246561
25°	195519
30°	143440
35°	98618
40°	62689
45°	35042
50°	18967
55°	15942
60°	13727
65°	12608
70°	11156
75°	10336
80°	8840
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35042 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.9	11.9
10°-20°	359.5	28.0
20°-30°	367.7	28.6
30°-40°	233.2	18.2
40°-50°	92.8	7.2
50°-60°	37.6	2.9
60°-70°	24.1	1.9
70°-80°	12.4	1.0
80°-90°	3.8	0.3
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°	880.2	68.5
0°-40°	1113.4	86.7
0°-60°	1243.8	96.9
0°-90°	1284.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1284.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1703	
5°	1651	153
15°	1298	360
25°	808	368
35°	368	233
45°	113	93
55°	42	38
65°	24	24
75°	12	12
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1703.1
2.5°	1690.9
5°	1650.9
7.5°	1588.4
10°	1504.9
12.5°	1405.9
15°	1298.1
17.5°	1180.0
20°	1056.6
22.5°	933.2
25°	808.1
27.5°	683.0
30°	566.5
32.5°	462.3
35°	368.4
37.5°	288.5
40°	219.0
42.5°	161.6
45°	113.0
47.5°	76.5
50°	55.6
52.5°	46.9
55°	41.7
57.5°	36.5
60°	31.3
62.5°	27.8
65°	24.3
67.5°	20.9
70°	17.4
72.5°	13.9
75°	12.2
77.5°	8.7
80°	7.0
82.5°	5.2
85°	3.5
87.5°	1.7
90°	0.0

(END OF REPORT)