

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: P1259923

Luminaire Tested: P3AS13R209050DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259923
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: P3AS13R209050DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

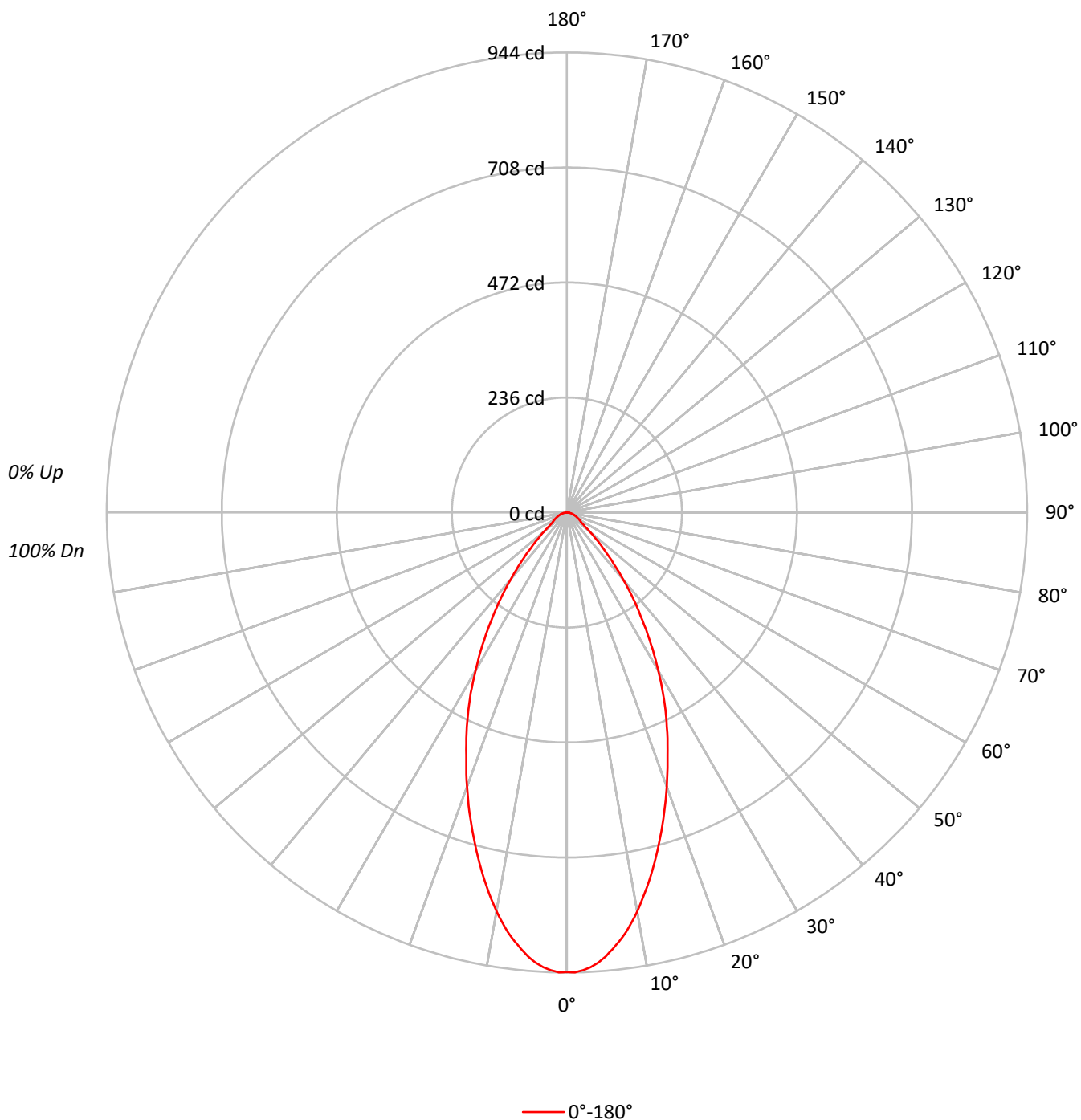
Lumens per Lamp: N/A
Luminaire Lumens: 836.0 lumens
Efficiency: N/A
Efficacy: 57.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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				0
RW	70	50	30	10	70	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		100
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		91
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		83
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		76
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		70
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		65
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		60
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		55
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		52
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		48
10	68	58	51	47	67	57	51	47	56	51	47		56	50	47		45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	206782
5°	201254
10°	185145
15°	162975
20°	139755
25°	117418
30°	94926
35°	72197
40°	51382
45°	33926
50°	21014
55°	13801
60°	12587
65°	11571
70°	10899
75°	9913
80°	9345
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33926 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.6	10.1
10°-20°	199.9	23.9
20°-30°	221.8	26.5
30°-40°	169.2	20.2
40°-50°	86.6	10.4
50°-60°	35.6	4.3
60°-70°	22.2	2.7
70°-80°	12.5	1.5
80°-90°	3.6	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°	506.3	60.6
0°-40°	675.5	80.8
0°-60°	797.7	95.4
0°-90°	836.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	836.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	943	
5°	914	85
15°	718	200
25°	485	222
35°	270	169
45°	109	87
55°	36	36
65°	22	22
75°	12	12
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	943.0
1°	944.1
2°	939.8
3°	934.5
4°	926.0
5°	914.3
6°	900.5
7°	885.7
8°	869.7
9°	850.6
10°	831.5
12.5°	776.3
15°	717.9
17.5°	658.4
20°	598.9
22.5°	539.5
25°	485.3
27.5°	431.2
30°	374.9
32.5°	321.8
35°	269.7
37.5°	224.1
40°	179.5
42.5°	141.2
45°	109.4
47.5°	82.8
50°	61.6
52.5°	45.7
55°	36.1
57.5°	32.9
60°	28.7
62.5°	25.5
65°	22.3
67.5°	19.1
70°	17.0
72.5°	13.8
75°	11.7
77.5°	9.6
80°	7.4
82.5°	5.3
85°	3.2
87.5°	1.1
90°	0.0

(END OF REPORT)