

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: P1257324

Luminaire Tested: P3AS13R209040DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257324
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: P3AS13R209040DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

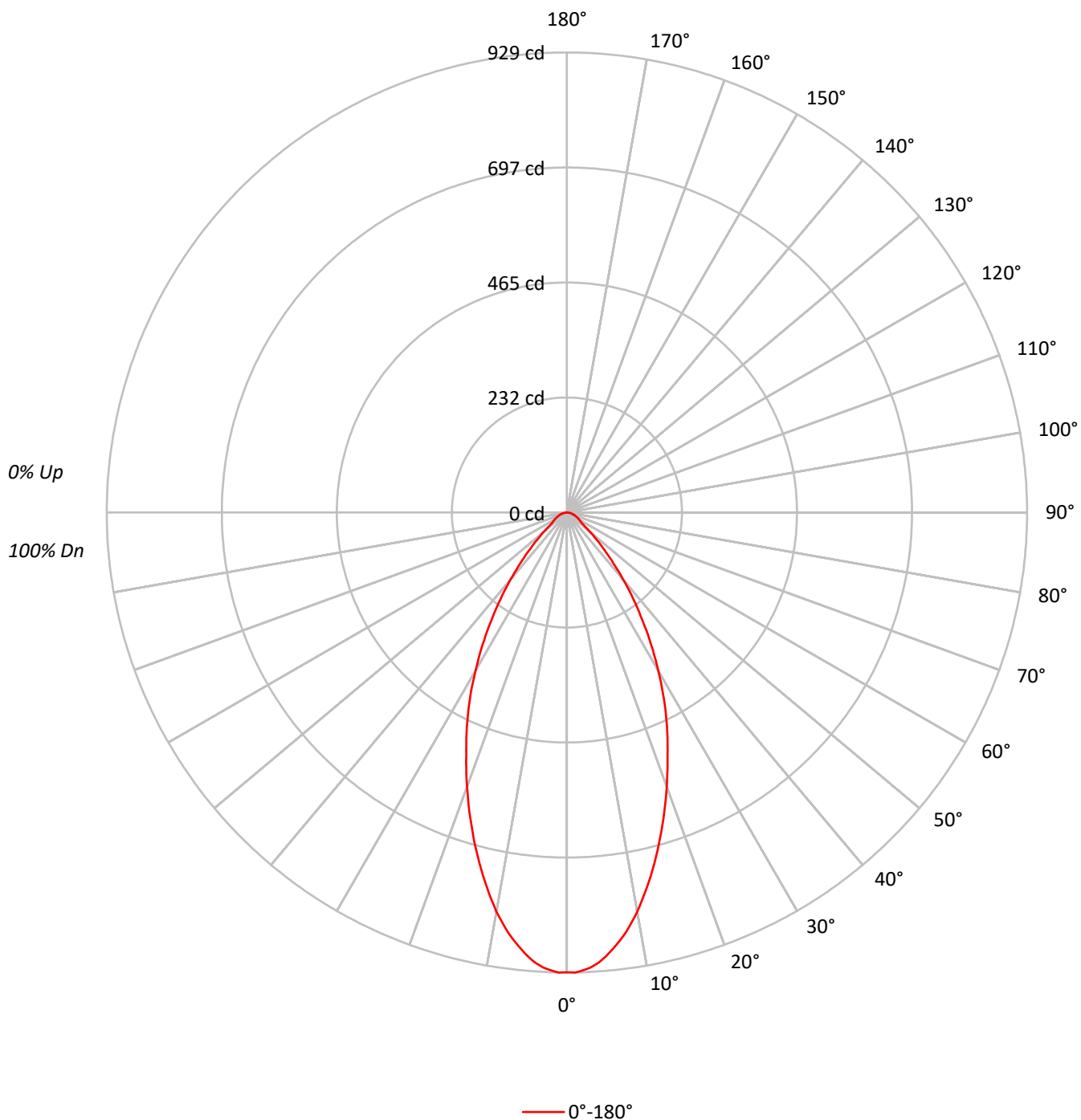
Lumens per Lamp: N/A
Luminaire Lumens: 822.9 lumens
Efficiency: N/A
Efficacy: 56.4 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	203580
5°	198128
10°	182272
15°	160432
20°	137585
25°	115603
30°	93432
35°	71072
40°	50580
45°	33399
50°	20673
55°	13572
60°	12367
65°	11415
70°	10707
75°	9743
80°	9218
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33399 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.3	10.1
10°-20°	196.7	23.9
20°-30°	218.4	26.5
30°-40°	166.6	20.2
40°-50°	85.3	10.4
50°-60°	35.0	4.3
60°-70°	21.8	2.7
70°-80°	12.3	1.5
80°-90°	3.5	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°	498.4	60.6
0°-40°	665.0	80.8
0°-60°	785.3	95.4
0°-90°	822.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	822.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	928	
5°	900	83
15°	707	197
25°	478	218
35°	266	167
45°	108	85
55°	36	35
65°	22	22
75°	12	12
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	928.4
1°	929.4
2°	925.2
3°	920.0
4°	911.6
5°	900.1
6°	886.5
7°	871.9
8°	856.2
9°	837.4
10°	818.6
12.5°	764.2
15°	706.7
17.5°	648.2
20°	589.6
22.5°	531.1
25°	477.8
27.5°	424.4
30°	369.0
32.5°	316.8
35°	265.5
37.5°	220.6
40°	176.7
42.5°	139.0
45°	107.7
47.5°	81.5
50°	60.6
52.5°	45.0
55°	35.5
57.5°	32.4
60°	28.2
62.5°	25.1
65°	22.0
67.5°	18.8
70°	16.7
72.5°	13.6
75°	11.5
77.5°	9.4
80°	7.3
82.5°	5.2
85°	3.1
87.5°	1.0
90°	0.0

(END OF REPORT)