

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: P1251963

Luminaire Tested: P3AS13R309030DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251963
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R309030DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

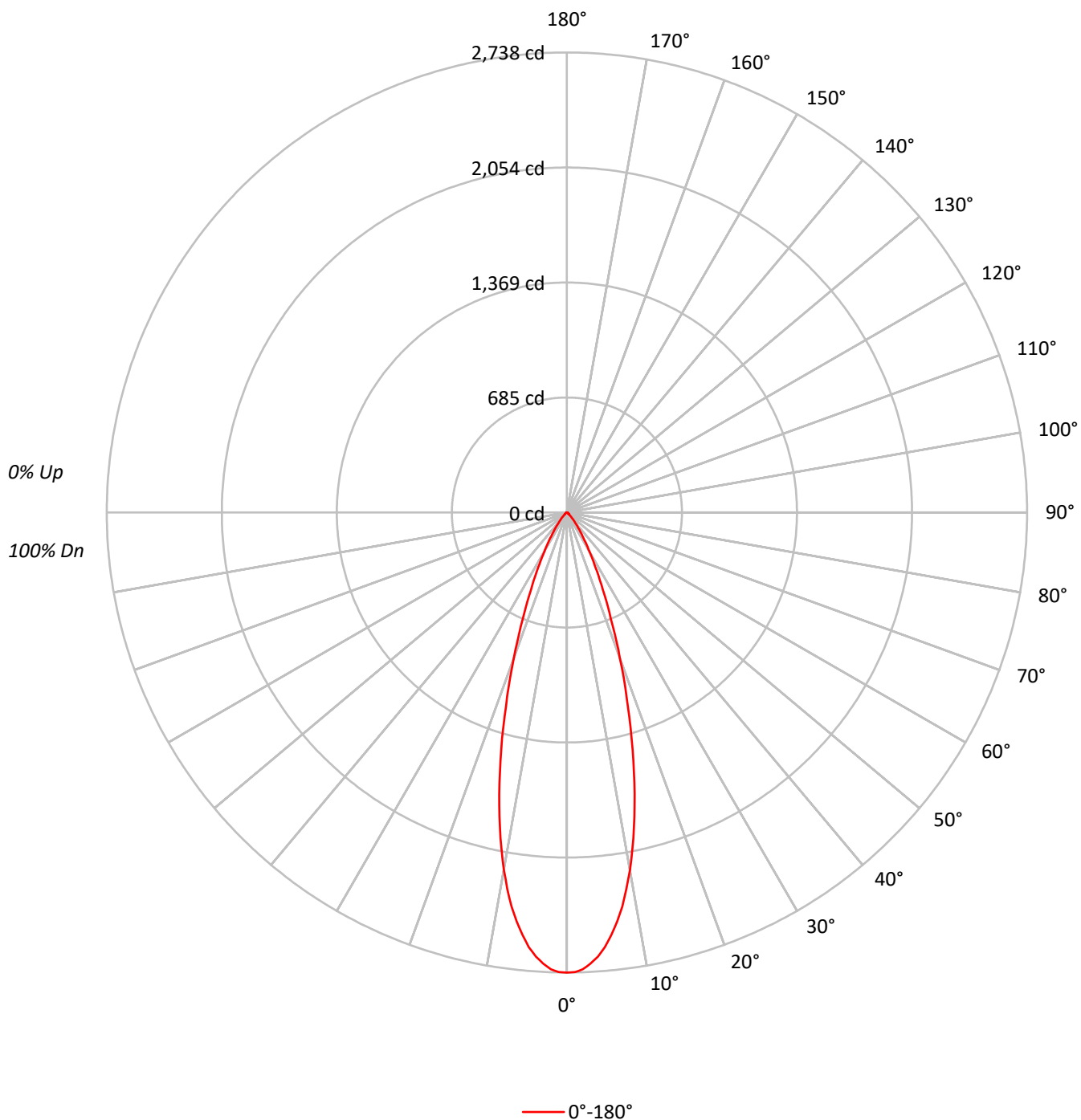
Lumens per Lamp: N/A
Luminaire Lumens: 1028.9 lumens
Efficiency: N/A
Efficacy: 70.5 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	600456
5°	571515
10°	480708
15°	346676
20°	215035
25°	122305
30°	67935
35°	36942
40°	19465
45°	10544
50°	5629
55°	3708
60°	3421
65°	3528
70°	3142
75°	2457
80°	2399
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10544 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	233.8	22.7
10°-20°	415.6	40.4
20°-30°	240.2	23.3
30°-40°	91.1	8.9
40°-50°	28.0	2.7
50°-60°	9.4	0.9
60°-70°	6.4	0.6
70°-80°	3.5	0.3
80°-90°	1.0	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°	889.6	86.5
0°-40°	980.7	95.3
0°-60°	1018.1	98.9
0°-90°	1028.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1028.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2738	
5°	2596	234
15°	1527	416
25°	506	240
35°	138	91
45°	34	28
55°	10	9
65°	7	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2738.3
1°	2736.3
2°	2719.8
3°	2688.7
4°	2649.8
5°	2596.4
6°	2528.3
7°	2452.5
8°	2367.9
9°	2266.8
10°	2158.9
11°	2042.3
12°	1918.8
13°	1789.6
14°	1658.3
15°	1527.1
17.5°	1204.4
20°	921.5
22.5°	683.4
25°	505.5
27.5°	367.4
30°	268.3
32.5°	193.4
35°	138.0
37.5°	96.2
40°	68.0
42.5°	47.6
45°	34.0
47.5°	23.3
50°	16.5
52.5°	11.7
55°	9.7
57.5°	8.7
60°	7.8
62.5°	6.8
65°	6.8
67.5°	5.8
70°	4.9
72.5°	3.9
75°	2.9
77.5°	2.9
80°	1.9
82.5°	1.9
85°	1.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)