

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: P1259857

Luminaire Tested: P3AS13R129050DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259857
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R129050DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

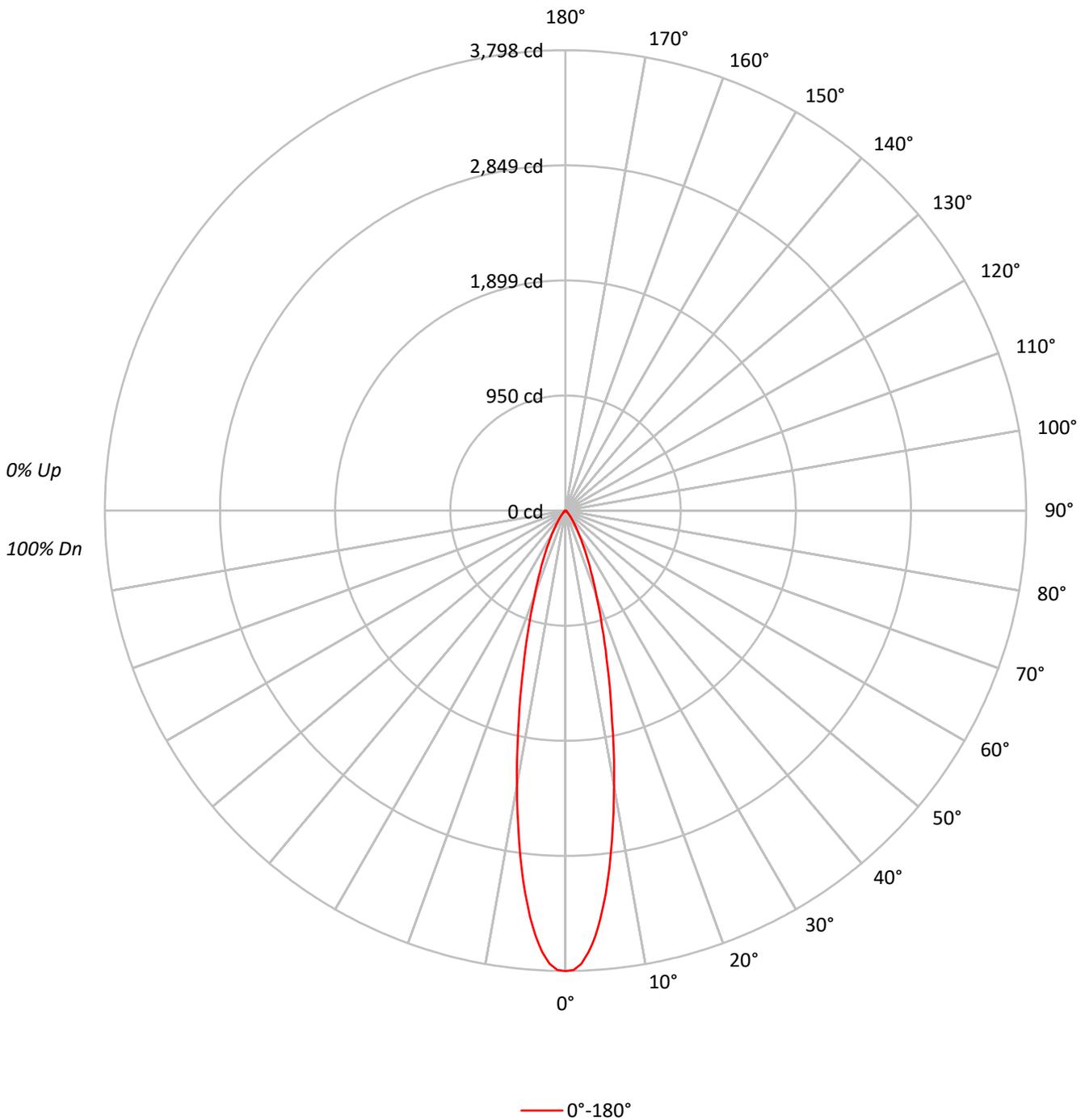
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 975.0 lumens
Efficiency: N/A
Efficacy: 62.9 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
Input Voltage (V): NR
Input Current (A_{in}): 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	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	93	96	94	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	88	92	90	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	85	89	87	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	81	86	83	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	78	83	80	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	75	81	78	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	73	78	75	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	70	76	73	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	68	74	70	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	832916
5°	739333
10°	513440
15°	303634
20°	172938
25°	98861
30°	54692
35°	29178
40°	16145
45°	8745
50°	5458
55°	4320
60°	3728
65°	3424
70°	3013
75°	3219
80°	2399
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8745 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	285.6	29.3
10°-20°	377.0	38.7
20°-30°	194.1	19.9
30°-40°	72.9	7.5
40°-50°	23.9	2.4
50°-60°	10.3	1.1
60°-70°	6.5	0.7
70°-80°	3.8	0.4
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°	856.6	87.9
0°-40°	929.5	95.3
0°-60°	963.7	98.8
0°-90°	975.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	975.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3798	
5°	3359	286
15°	1338	377
25°	409	194
35°	109	73
45°	28	24
55°	11	10
65°	7	7
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	3798.4
1°	3790.8
2°	3741.1
3°	3646.2
4°	3521.3
5°	3358.8
6°	3174.7
7°	2972.7
8°	2748.3
9°	2526.6
10°	2305.9
12.5°	1774.3
15°	1337.5
17.5°	1001.2
20°	741.1
22.5°	553.2
25°	408.6
27.5°	297.7
30°	216.0
32.5°	153.1
35°	109.0
37.5°	78.0
40°	56.4
42.5°	40.4
45°	28.2
47.5°	20.7
50°	16.0
52.5°	13.1
55°	11.3
57.5°	9.4
60°	8.5
62.5°	7.5
65°	6.6
67.5°	5.6
70°	4.7
72.5°	4.7
75°	3.8
77.5°	2.8
80°	1.9
82.5°	1.9
85°	0.9
87.5°	0.0
90°	0.0

(END OF REPORT)