

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: P1262897

Luminaire Tested: P3AS13R659727DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262897
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R659727DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

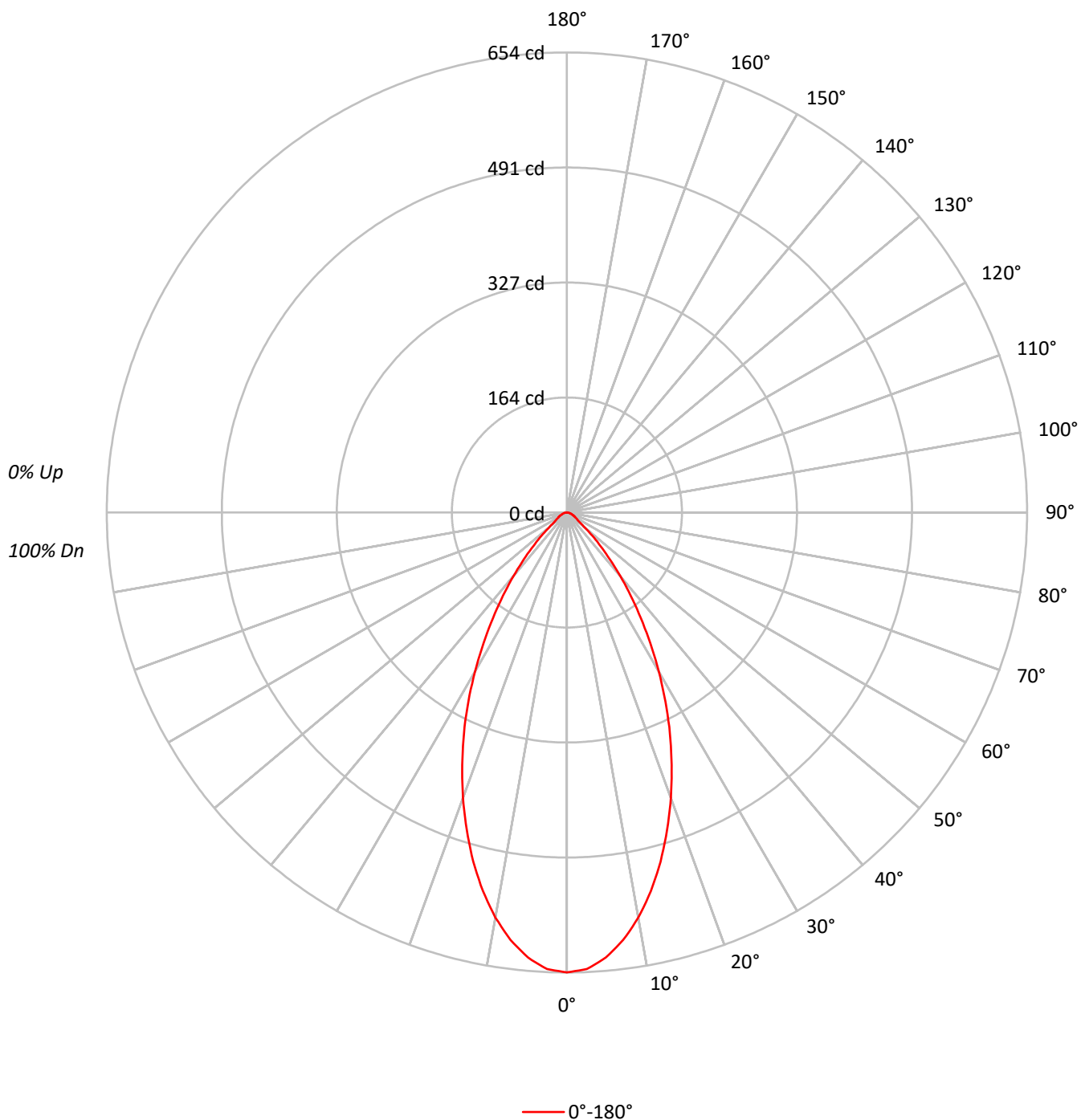
Lumens per Lamp: N/A
Luminaire Lumens: 564.0 lumens
Efficiency: N/A
Efficacy: 38.6 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	110	107	105	110	108	105	103	104	102	100		100	98	97		92
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		85
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		78
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		72
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		66
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		62
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		57
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		54
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		50
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	143366
5°	139797
10°	130191
15°	116664
20°	100762
25°	83811
30°	66086
35°	48988
40°	33749
45°	20932
50°	11360
55°	7149
60°	6052
65°	5500
70°	4680
75°	4151
80°	4167
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20932 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.0	10.5
10°-20°	142.8	25.3
20°-30°	157.9	28.0
30°-40°	114.7	20.3
40°-50°	53.7	9.5
50°-60°	18.1	3.2
60°-70°	10.4	1.9
70°-80°	5.5	1.0
80°-90°	1.8	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°	359.8	63.8
0°-40°	474.5	84.1
0°-60°	546.3	96.9
0°-90°	564.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	564.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	654	
5°	635	59
15°	514	143
25°	346	158
35°	183	115
45°	68	54
55°	19	18
65°	11	10
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	653.8
2.5°	649.7
5°	635.1
7.5°	613.1
10°	584.7
12.5°	551.3
15°	513.9
17.5°	473.3
20°	431.8
22.5°	388.7
25°	346.4
27.5°	303.3
30°	261.0
32.5°	220.4
35°	183.0
37.5°	148.8
40°	117.9
42.5°	90.3
45°	67.5
47.5°	48.8
50°	33.3
52.5°	22.8
55°	18.7
57.5°	16.3
60°	13.8
62.5°	12.2
65°	10.6
67.5°	8.9
70°	7.3
72.5°	6.5
75°	4.9
77.5°	4.1
80°	3.3
82.5°	2.4
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)