

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: P1272096

Luminaire Tested: P3AS13R559827DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272096
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R559827DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 98CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

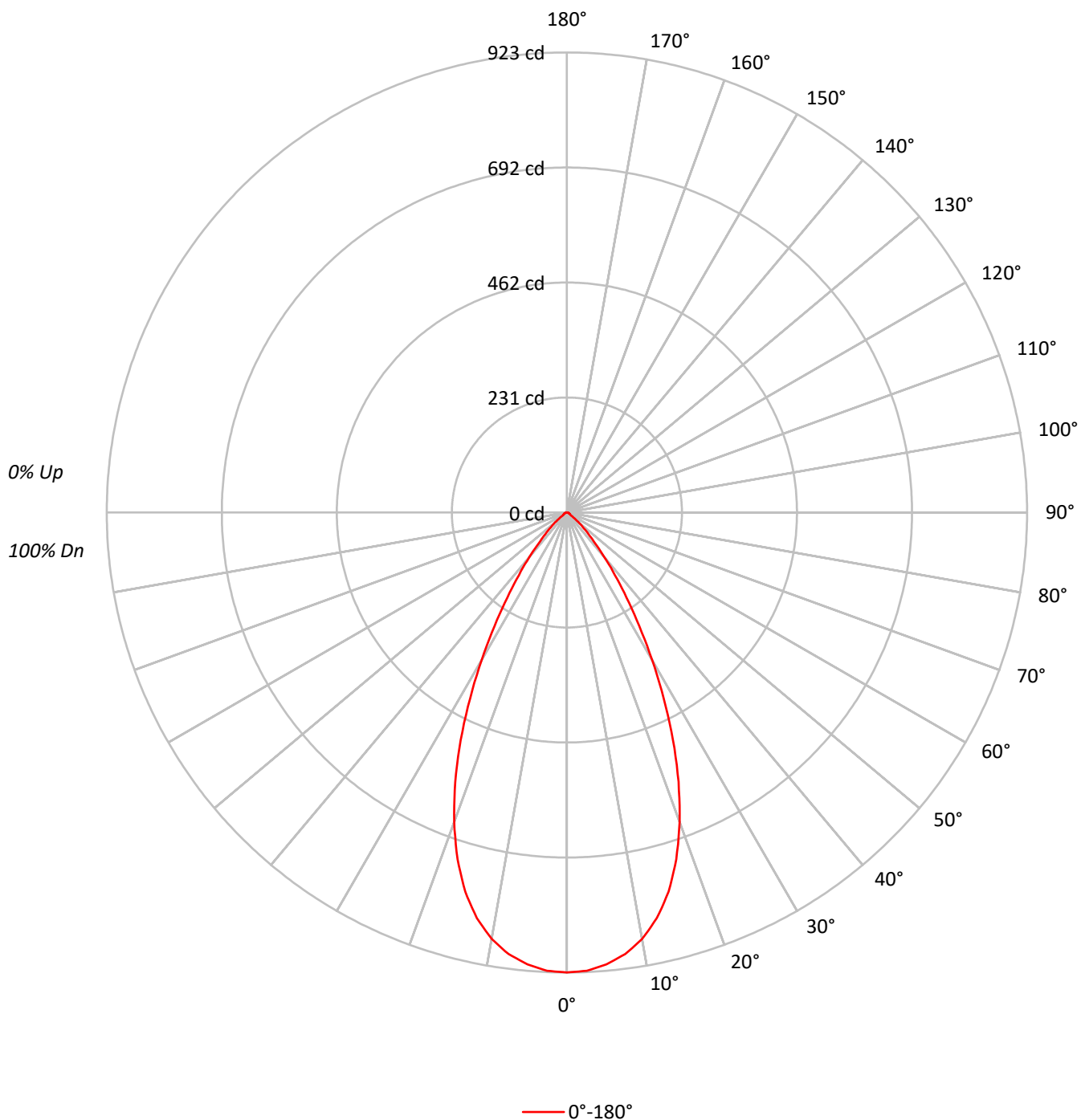
Lumens per Lamp: N/A
Luminaire Lumens: 737.0 lumens
Efficiency: N/A
Efficacy: 50.8 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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	111	108	106	111	108	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	89	83	79	86	82	78		84	81	78		82
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	86	78	73	68	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	73	63	57	53	72	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	202374
5°	200330
10°	193450
15°	178821
20°	154293
25°	121870
30°	86444
35°	55734
40°	33491
45°	18886
50°	10132
55°	3632
60°	3245
65°	3165
70°	3013
75°	2881
80°	2526
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18886 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.6	11.6
10°-20°	217.8	29.6
20°-30°	228.2	31.0
30°-40°	133.2	18.1
40°-50°	49.8	6.8
50°-60°	11.7	1.6
60°-70°	6.0	0.8
70°-80°	3.6	0.5
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°	531.6	72.1
0°-40°	664.8	90.2
0°-60°	726.4	98.6
0°-90°	737.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	737.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	923	
5°	910	86
15°	788	218
25°	504	228
35°	208	133
45°	61	50
55°	10	12
65°	6	6
75°	3	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	922.9
2.5°	920.2
5°	910.1
7.5°	893.8
10°	868.8
12.5°	833.7
15°	787.7
17.5°	729.5
20°	661.2
22.5°	584.8
25°	503.7
27.5°	420.5
30°	341.4
32.5°	269.8
35°	208.2
37.5°	158.2
40°	117.0
42.5°	83.8
45°	60.9
47.5°	43.9
50°	29.7
52.5°	16.9
55°	9.5
57.5°	8.1
60°	7.4
62.5°	6.8
65°	6.1
67.5°	5.4
70°	4.7
72.5°	4.1
75°	3.4
77.5°	2.7
80°	2.0
82.5°	1.4
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)