

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: P1257522

Luminaire Tested: P3AS13R559040DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257522
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: P3AS13R559040DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 4000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

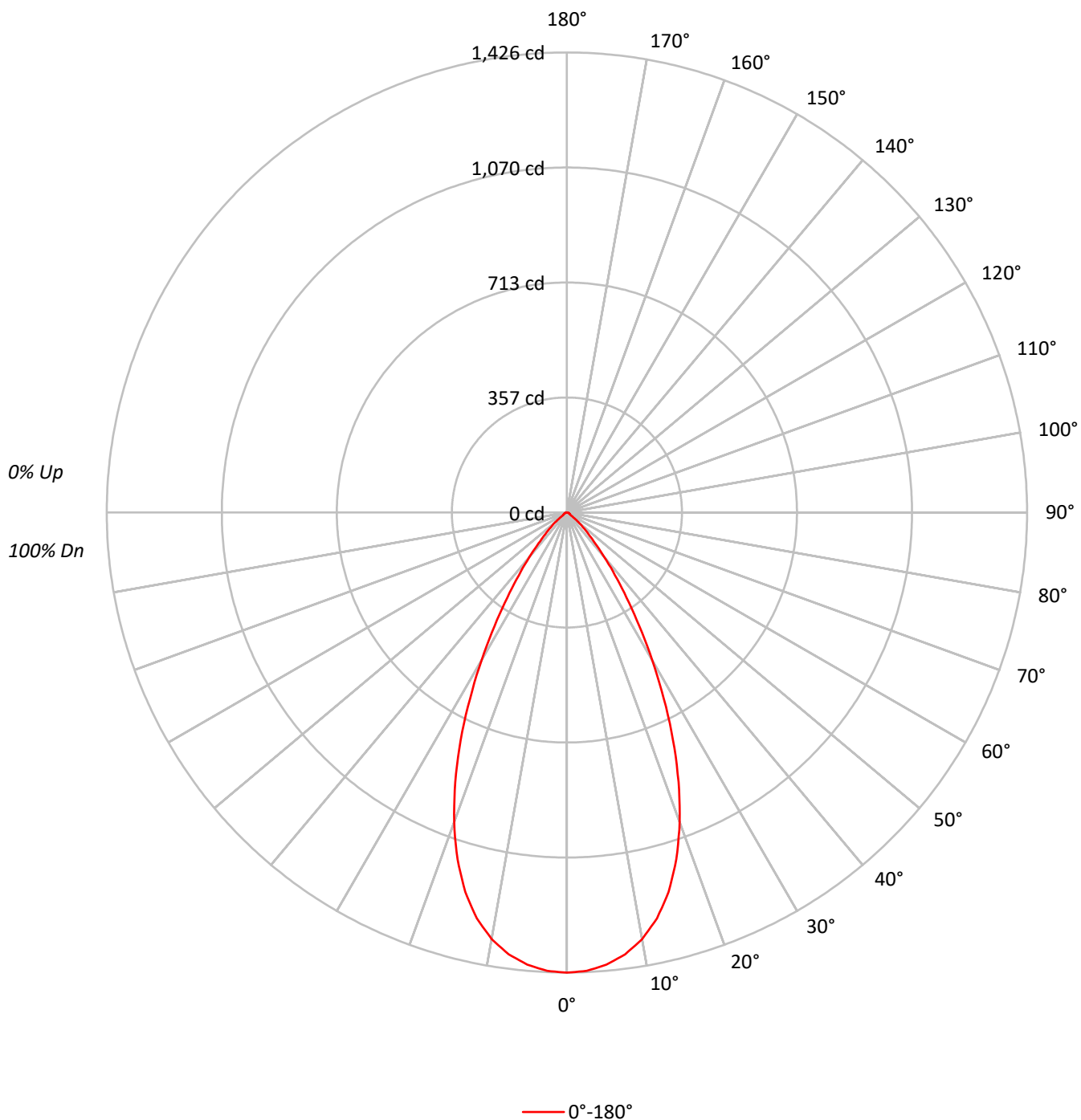
Lumens per Lamp: N/A
Luminaire Lumens: 1138.9 lumens
Efficiency: N/A
Efficacy: 78.0 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	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	84		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°	312760
5°	309596
10°	298970
15°	276347
20°	238464
25°	188358
30°	133615
35°	86143
40°	51754
45°	29150
50°	15692
55°	5582
60°	5043
65°	4877
70°	4680
75°	4406
80°	3915
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29150 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	132.3	11.6
10°-20°	336.6	29.6
20°-30°	352.8	31.0
30°-40°	205.8	18.1
40°-50°	77.0	6.8
50°-60°	18.1	1.6
60°-70°	9.3	0.8
70°-80°	5.5	0.5
80°-90°	1.5	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°	821.7	72.1
0°-40°	1027.5	90.2
0°-60°	1122.6	98.6
0°-90°	1138.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1138.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1426	
5°	1406	132
15°	1217	337
25°	778	353
35°	322	206
45°	94	77
55°	15	18
65°	9	9
75°	5	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1426.3
2.5°	1422.1
5°	1406.5
7.5°	1381.4
10°	1342.7
12.5°	1288.4
15°	1217.3
17.5°	1127.5
20°	1021.9
22.5°	903.8
25°	778.5
27.5°	649.9
30°	527.7
32.5°	416.9
35°	321.8
37.5°	244.5
40°	180.8
42.5°	129.6
45°	94.0
47.5°	67.9
50°	46.0
52.5°	26.1
55°	14.6
57.5°	12.5
60°	11.5
62.5°	10.4
65°	9.4
67.5°	8.4
70°	7.3
72.5°	6.3
75°	5.2
77.5°	4.2
80°	3.1
82.5°	2.1
85°	1.0
87.5°	1.0
90°	0.0

(END OF REPORT)