

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: P1276242

Luminaire Tested: P3AS13R559835DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276242
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R559835DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 98CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

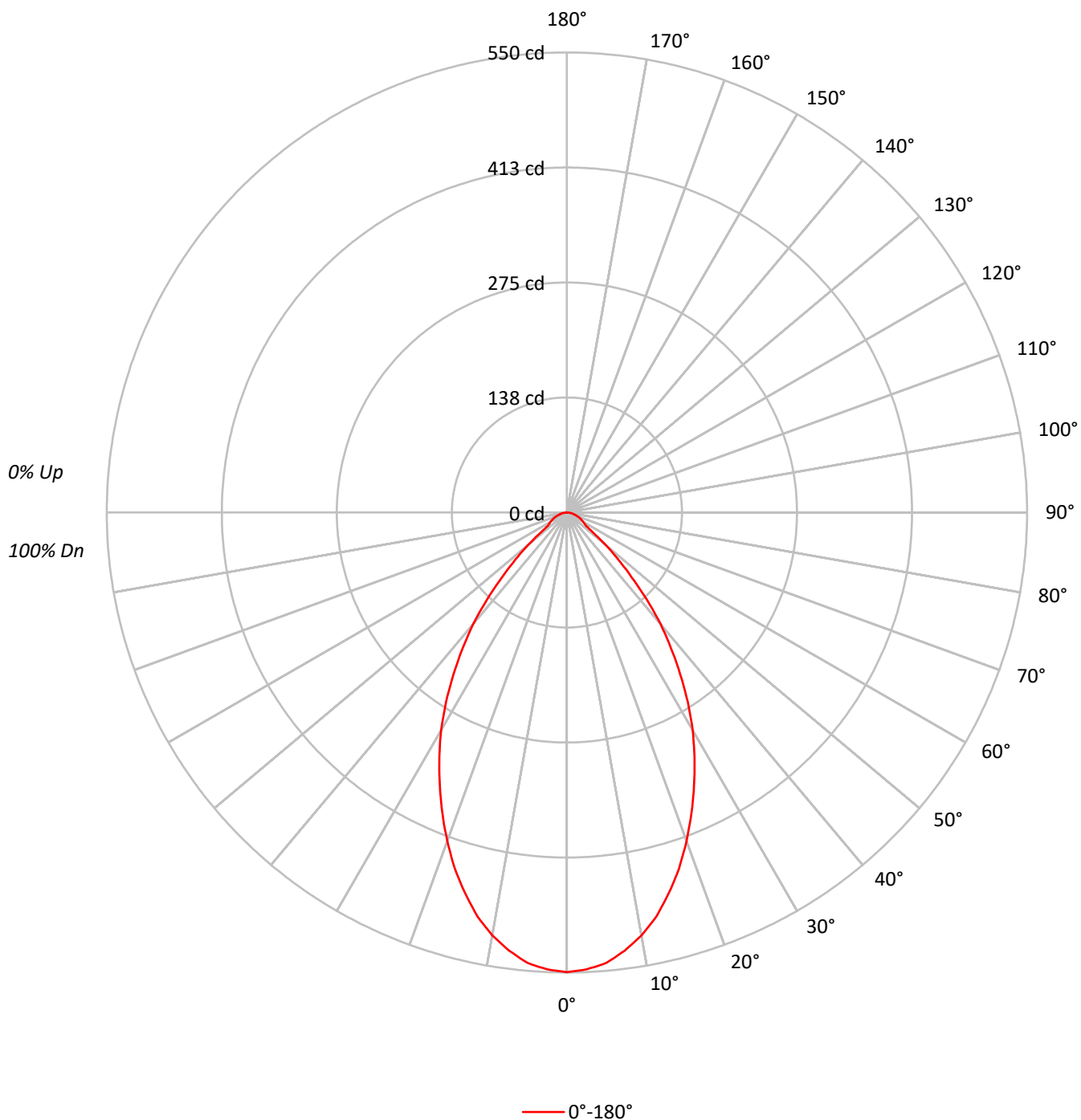
Lumens per Lamp: N/A
Luminaire Lumens: 641.1 lumens
Efficiency: N/A
Efficacy: 44.2 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	54	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	120517
5°	118996
10°	114293
15°	106902
20°	97518
25°	87005
30°	76113
35°	63229
40°	49836
45°	33802
50°	20673
55°	10705
60°	9955
65°	9443
70°	8719
75°	7710
80°	7703
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33802 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.7	7.9
10°-20°	131.6	20.5
20°-30°	164.8	25.7
30°-40°	147.1	23.0
40°-50°	86.2	13.4
50°-60°	29.8	4.6
60°-70°	18.0	2.8
70°-80°	10.0	1.6
80°-90°	2.9	0.5
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°	347.1	54.1
0°-40°	494.3	77.1
0°-60°	610.2	95.2
0°-90°	641.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	641.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	550	
5°	541	51
15°	471	132
25°	360	165
35°	236	147
45°	109	86
55°	28	30
65°	18	18
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	549.6
2.5°	546.6
5°	540.6
7.5°	528.4
10°	513.3
12.5°	494.4
15°	470.9
17.5°	445.9
20°	417.9
22.5°	389.1
25°	359.6
27.5°	330.1
30°	300.6
32.5°	268.8
35°	236.2
37.5°	204.4
40°	174.1
42.5°	141.6
45°	109.0
47.5°	83.3
50°	60.6
52.5°	39.4
55°	28.0
57.5°	25.0
60°	22.7
62.5°	20.4
65°	18.2
67.5°	15.9
70°	13.6
72.5°	11.4
75°	9.1
77.5°	7.6
80°	6.1
82.5°	3.8
85°	2.3
87.5°	1.5
90°	0.0

(END OF REPORT)