

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: P1274517

Luminaire Tested: P3AS17R559830DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274517
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: P3AS17R559830DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 98CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

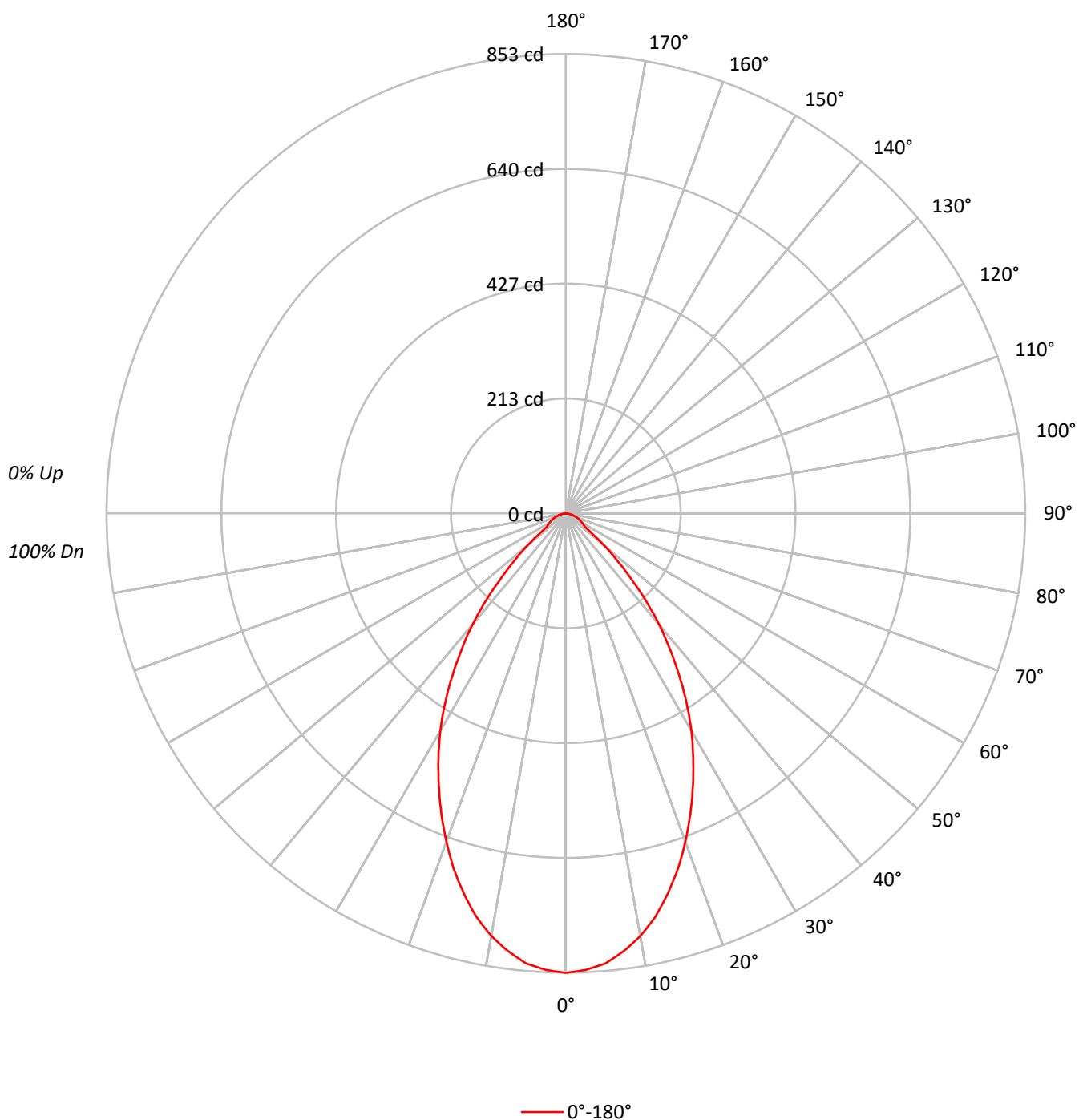
Lumens per Lamp: N/A
Luminaire Lumens: 995.1 lumens
Efficiency: N/A
Efficacy: 48.8 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	55	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°	187090
5°	184701
10°	177418
15°	165949
20°	151376
25°	135056
30°	118119
35°	98163
40°	77374
45°	52471
50°	32067
55°	16630
60°	15481
65°	14632
70°	13592
75°	11946
80°	11870
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 52471 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.7	7.9
10°-20°	204.3	20.5
20°-30°	255.8	25.7
30°-40°	228.4	23.0
40°-50°	133.7	13.4
50°-60°	46.2	4.6
60°-70°	27.9	2.8
70°-80°	15.5	1.6
80°-90°	4.5	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°	538.8	54.2
0°-40°	767.2	77.1
0°-60°	947.2	95.2
0°-90°	995.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	995.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	853	
5°	839	79
15°	731	204
25°	558	256
35°	367	228
45°	169	134
55°	44	46
65°	28	28
75°	14	16
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	853.2
2.5°	848.5
5°	839.1
7.5°	820.3
10°	796.8
12.5°	767.4
15°	731.0
17.5°	692.2
20°	648.7
22.5°	604.0
25°	558.2
27.5°	512.4
30°	466.5
32.5°	417.2
35°	366.7
37.5°	317.3
40°	270.3
42.5°	219.8
45°	169.2
47.5°	129.3
50°	94.0
52.5°	61.1
55°	43.5
57.5°	38.8
60°	35.3
62.5°	31.7
65°	28.2
67.5°	24.7
70°	21.2
72.5°	17.6
75°	14.1
77.5°	11.8
80°	9.4
82.5°	5.9
85°	3.5
87.5°	2.4
90°	0.0

(END OF REPORT)