

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: P1273135

Luminaire Tested: P3A02R559830DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273135
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: P3A02R559830DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

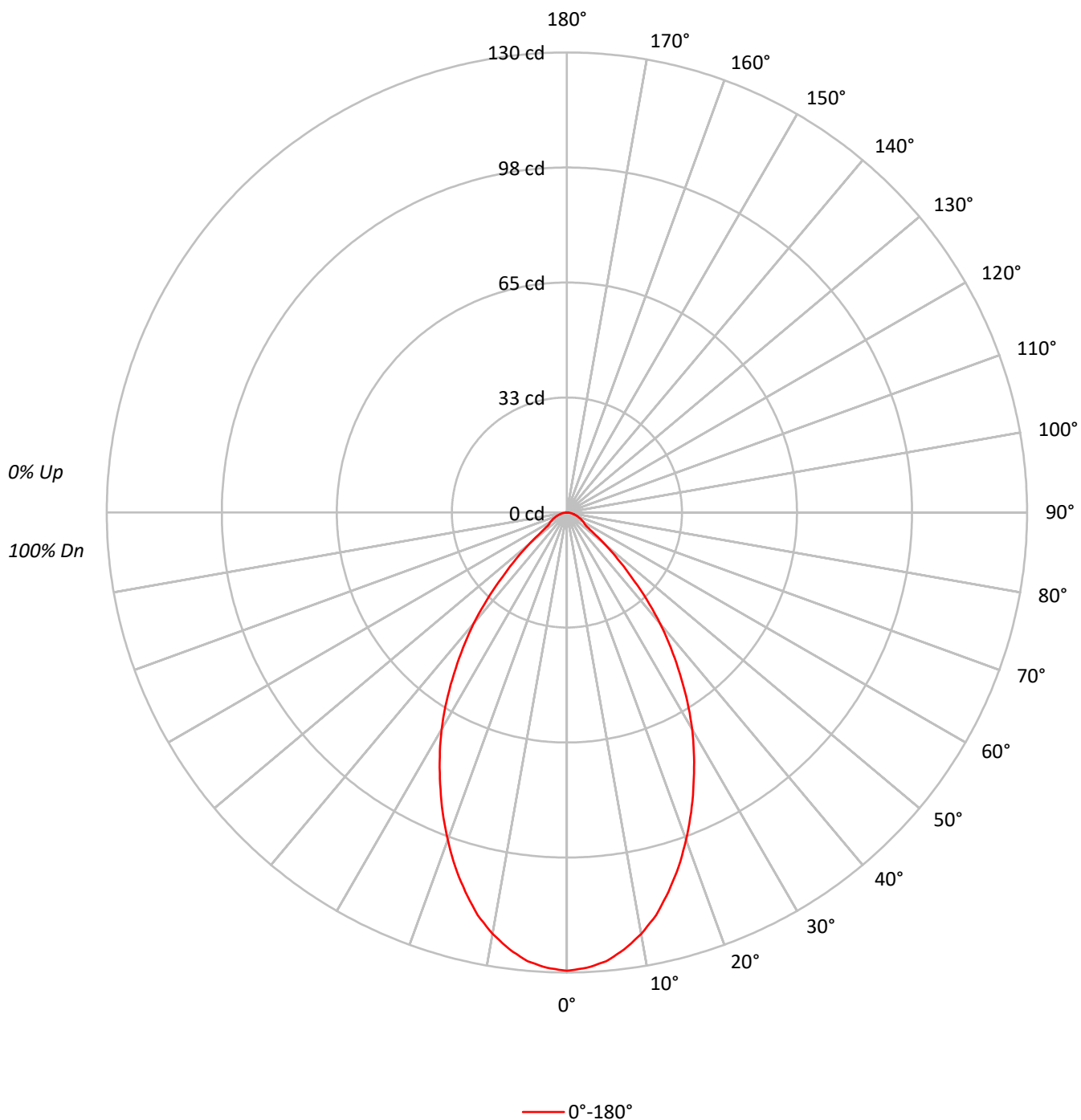
Lumens per Lamp: N/A
Luminaire Lumens: 151.0 lumens
Efficiency: N/A
Efficacy: 41.9 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	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°	28397
5°	28021
10°	26920
15°	25176
20°	22962
25°	20493
30°	17927
35°	14884
40°	11736
45°	7970
50°	4878
55°	2523
60°	2368
65°	2231
70°	2052
75°	1779
80°	1768
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7970 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.9	7.9
10°-20°	31.0	20.5
20°-30°	38.8	25.7
30°-40°	34.7	22.9
40°-50°	20.3	13.4
50°-60°	7.0	4.7
60°-70°	4.2	2.8
70°-80°	2.3	1.6
80°-90°	0.7	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°	81.8	54.1
0°-40°	116.4	77.1
0°-60°	143.8	95.2
0°-90°	151.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	151.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	130	
5°	127	12
15°	111	31
25°	85	39
35°	56	35
45°	26	20
55°	7	7
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	129.5
2.5°	128.8
5°	127.3
7.5°	124.5
10°	120.9
12.5°	116.5
15°	110.9
17.5°	105.0
20°	98.4
22.5°	91.7
25°	84.7
27.5°	77.8
30°	70.8
32.5°	63.3
35°	55.6
37.5°	48.2
40°	41.0
42.5°	33.4
45°	25.7
47.5°	19.6
50°	14.3
52.5°	9.3
55°	6.6
57.5°	5.9
60°	5.4
62.5°	4.8
65°	4.3
67.5°	3.7
70°	3.2
72.5°	2.7
75°	2.1
77.5°	1.8
80°	1.4
82.5°	0.9
85°	0.5
87.5°	0.4
90°	0.0

(END OF REPORT)