

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: P1274213

Luminaire Tested: P3A13R659830DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274213
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R659830DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 98CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

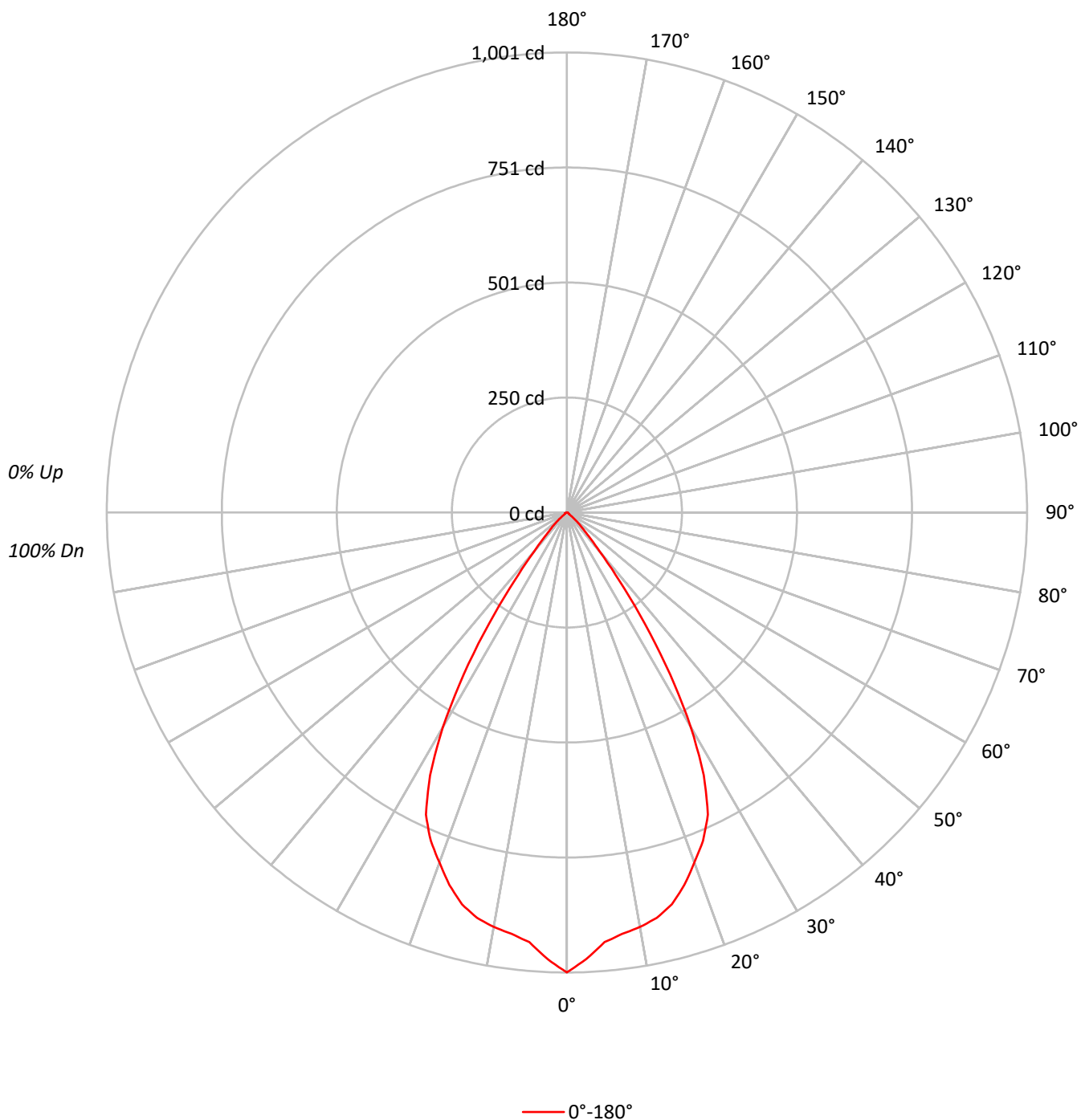
Lumens per Lamp: N/A
Luminaire Lumens: 898.0 lumens
Efficiency: N/A
Efficacy: 61.9 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94		
2	108	103	99	96	106	101	98	95	98	95	93	95	93	91	92	90	89	87		
3	103	96	91	87	101	95	90	87	92	88	85	90	87	84	88	85	83	81		
4	97	90	84	80	96	89	84	80	87	82	79	85	81	78	83	80	77	75		
5	93	84	78	74	91	83	78	74	82	77	73	80	76	73	78	75	72	70		
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66		
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62		
8	80	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58		
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54		
10	72	63	57	53	71	62	57	53	61	56	53	60	56	53	60	55	52	51		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	219456
5°	206537
10°	203915
15°	200319
20°	189133
25°	175534
30°	136451
35°	78942
40°	31802
45°	14637
50°	5697
55°	2217
60°	1930
65°	1868
70°	1859
75°	1864
80°	1894
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 14637 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.2	9.9
10°-20°	246.4	27.4
20°-30°	322.6	35.9
30°-40°	186.8	20.8
40°-50°	40.0	4.5
50°-60°	6.5	0.7
60°-70°	3.6	0.4
70°-80°	2.1	0.2
80°-90°	0.8	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°	658.2	73.3
0°-40°	845.0	94.1
0°-60°	891.5	99.3
0°-90°	898.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	898.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1001	
5°	938	89
15°	882	246
25°	726	323
35°	295	187
45°	47	40
55°	6	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1000.8
2.5°	972.5
5°	938.3
7.5°	924.5
10°	915.8
12.5°	903.5
15°	882.4
17.5°	849.7
20°	810.5
22.5°	773.5
25°	725.5
27.5°	644.9
30°	538.9
32.5°	417.6
35°	294.9
37.5°	186.6
40°	111.1
42.5°	69.7
45°	47.2
47.5°	30.5
50°	16.7
52.5°	8.0
55°	5.8
57.5°	5.1
60°	4.4
62.5°	4.4
65°	3.6
67.5°	2.9
70°	2.9
72.5°	2.2
75°	2.2
77.5°	1.5
80°	1.5
82.5°	0.7
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)