

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: P1274138

Luminaire Tested: P3A13R509830DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274138
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R509830DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

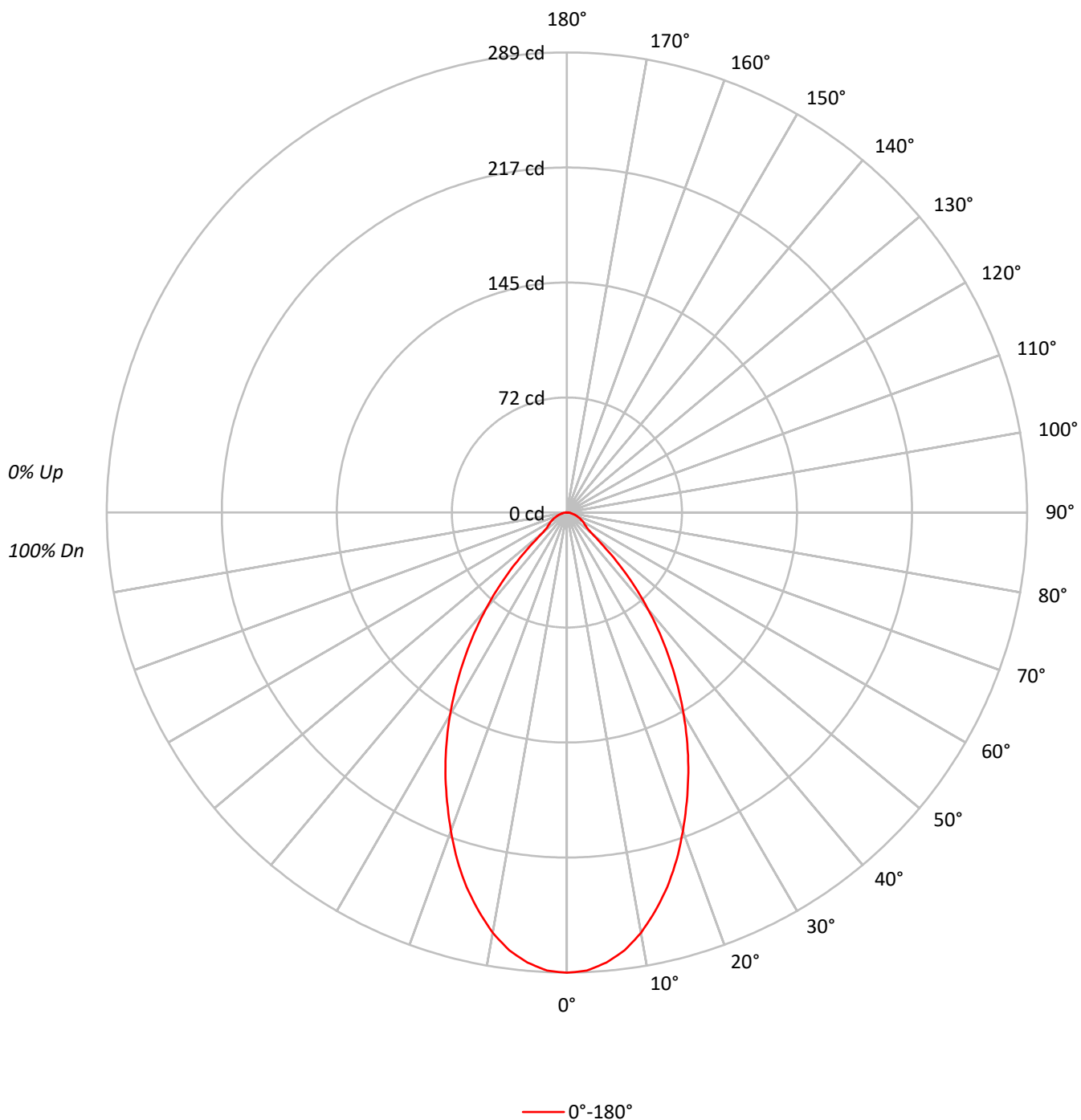
Lumens per Lamp: N/A
Luminaire Lumens: 312.0 lumens
Efficiency: N/A
Efficacy: 21.5 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	63394
5°	62470
10°	59696
15°	55301
20°	49681
25°	43672
30°	37145
35°	30115
40°	22642
45°	14575
50°	6925
55°	5429
60°	5175
65°	4825
70°	4360
75°	3897
80°	3536
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14575 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.6	8.5
10°-20°	67.9	21.8
20°-30°	82.5	26.4
30°-40°	70.0	22.4
40°-50°	36.3	11.6
50°-60°	13.1	4.2
60°-70°	9.1	2.9
70°-80°	4.9	1.6
80°-90°	1.5	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°	177.0	56.7
0°-40°	247.0	79.2
0°-60°	296.4	95.0
0°-90°	312.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	312.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	289	
5°	284	27
15°	244	68
25°	180	83
35°	112	70
45°	47	36
55°	14	13
65°	9	9
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	289.1
2.5°	288.1
5°	283.8
7.5°	277.4
10°	268.1
12.5°	256.4
15°	243.6
17.5°	229.0
20°	212.9
22.5°	196.6
25°	180.5
27.5°	163.8
30°	146.7
32.5°	129.6
35°	112.5
37.5°	95.8
40°	79.1
42.5°	63.0
45°	47.0
47.5°	31.3
50°	20.3
52.5°	15.7
55°	14.2
57.5°	12.8
60°	11.8
62.5°	10.3
65°	9.3
67.5°	7.8
70°	6.8
72.5°	5.7
75°	4.6
77.5°	3.6
80°	2.8
82.5°	2.1
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)