

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: P1267559

Luminaire Tested: P3A13R509735DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267559
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: P3A13R509735DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

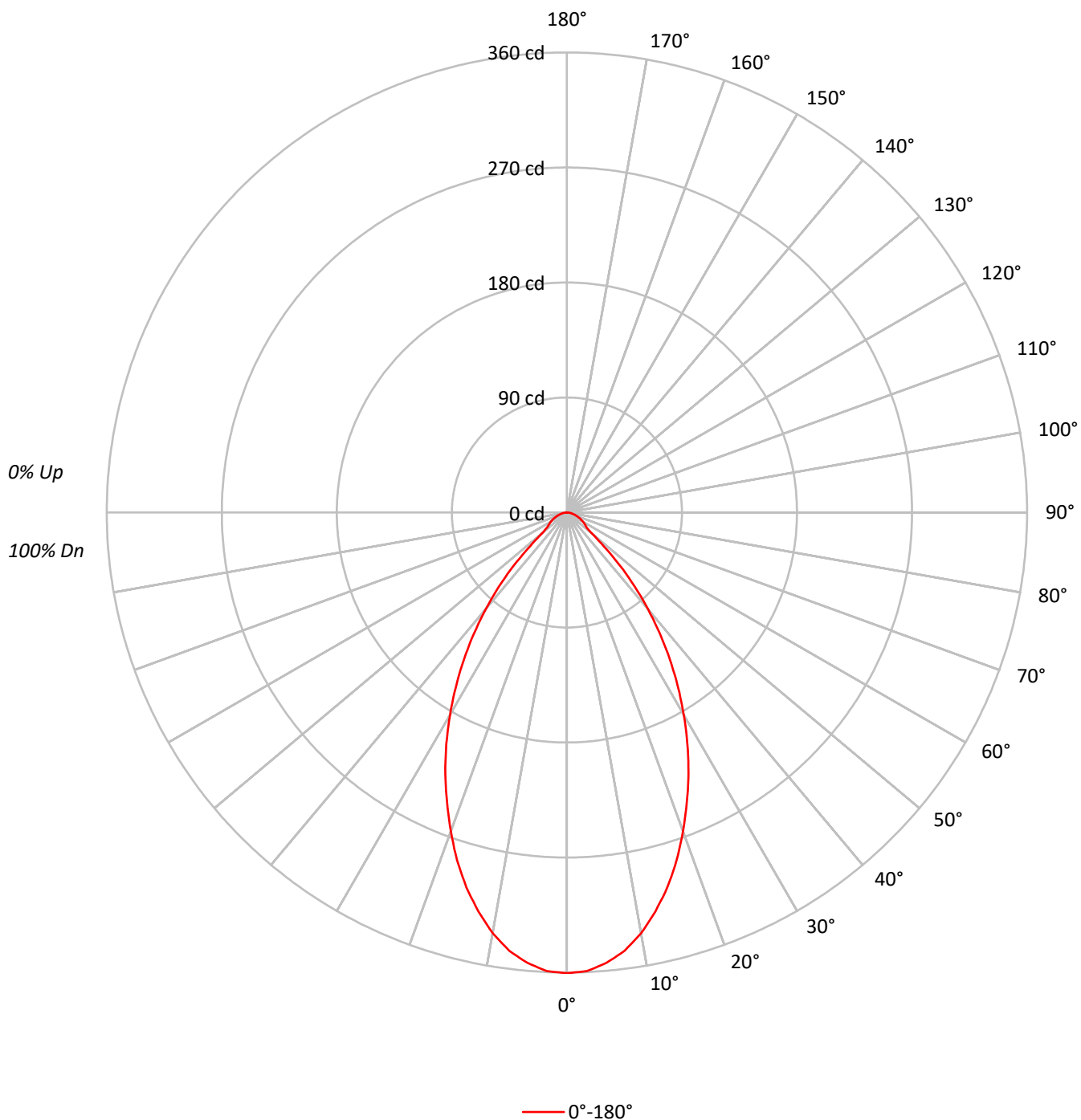
Lumens per Lamp: N/A
Luminaire Lumens: 389.1 lumens
Efficiency: N/A
Efficacy: 26.6 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	101	99		99	97	96		95
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°	79051
5°	77878
10°	74436
15°	68945
20°	61955
25°	54463
30°	46311
35°	37557
40°	28224
45°	18172
50°	8631
55°	6805
60°	6447
65°	5967
70°	5386
75°	4914
80°	4546
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18172 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.2	8.5
10°-20°	84.7	21.8
20°-30°	102.9	26.4
30°-40°	87.2	22.4
40°-50°	45.3	11.7
50°-60°	16.4	4.2
60°-70°	11.3	2.9
70°-80°	6.1	1.6
80°-90°	2.0	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°	220.7	56.7
0°-40°	307.9	79.2
0°-60°	369.6	95.0
0°-90°	389.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	389.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	360	
5°	354	33
15°	304	85
25°	225	103
35°	140	87
45°	59	45
55°	18	16
65°	12	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	360.5
2.5°	359.2
5°	353.8
7.5°	345.9
10°	334.3
12.5°	319.7
15°	303.7
17.5°	285.5
20°	265.5
22.5°	245.1
25°	225.1
27.5°	204.2
30°	182.9
32.5°	161.6
35°	140.3
37.5°	119.4
40°	98.6
42.5°	78.6
45°	58.6
47.5°	39.1
50°	25.3
52.5°	19.5
55°	17.8
57.5°	16.0
60°	14.7
62.5°	12.9
65°	11.5
67.5°	9.8
70°	8.4
72.5°	7.1
75°	5.8
77.5°	4.4
80°	3.6
82.5°	2.7
85°	1.8
87.5°	0.9
90°	0.0

(END OF REPORT)