

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: P1267905

Luminaire Tested: P3A17R509735DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267905
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: P3A17R509735DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 97CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

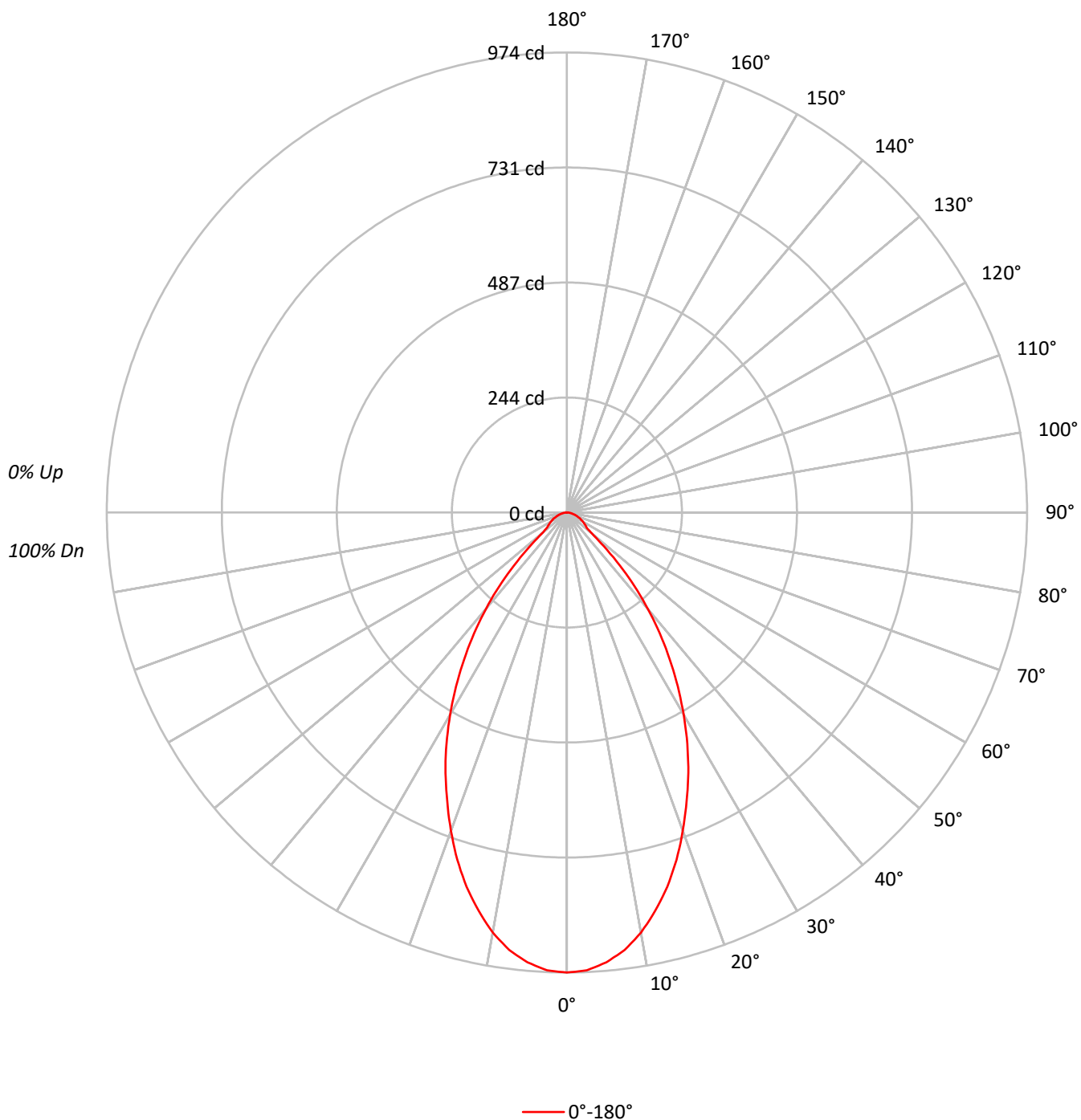
Lumens per Lamp: N/A
Luminaire Lumens: 1051.0 lumens
Efficiency: N/A
Efficacy: 49.6 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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

TEST NUMBER: P1267905

CATALOG NUMBER: P3A17R509735DE010 E3DLD1H

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	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91		
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83		
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75		
4	93	85	78	73	91	83	77	73	81	76	72	79	75	71	77	73	70	69		
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63		
6	83	73	66	61	81	72	65	61	70	65	60	69	64	60	67	63	59	58		
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	53		
8	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50		
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46		
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	45	43		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	213579
5°	210433
10°	201110
15°	186267
20°	167385
25°	147154
30°	125133
35°	101482
40°	76229
45°	49090
50°	23334
55°	18351
60°	17367
65°	16189
70°	14618
75°	13217
80°	12123
85°	12077

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 49090 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.6	8.5
10°-20°	228.8	21.8
20°-30°	277.9	26.4
30°-40°	235.7	22.4
40°-50°	122.4	11.6
50°-60°	44.2	4.2
60°-70°	30.6	2.9
70°-80°	16.6	1.6
80°-90°	5.2	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°	596.3	56.7
0°-40°	832.0	79.2
0°-60°	998.6	95.0
0°-90°	1051.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1051.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	974	
5°	956	90
15°	820	229
25°	608	278
35°	379	236
45°	158	122
55°	48	44
65°	31	31
75°	16	17
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	974.0
2.5°	970.4
5°	956.0
7.5°	934.4
10°	903.2
12.5°	863.7
15°	820.5
17.5°	771.3
20°	717.3
22.5°	662.1
25°	608.2
27.5°	551.8
30°	494.2
32.5°	436.6
35°	379.1
37.5°	322.7
40°	266.3
42.5°	212.3
45°	158.3
47.5°	105.6
50°	68.4
52.5°	52.8
55°	48.0
57.5°	43.2
60°	39.6
62.5°	34.8
65°	31.2
67.5°	26.4
70°	22.8
72.5°	19.2
75°	15.6
77.5°	12.0
80°	9.6
82.5°	7.2
85°	4.8
87.5°	2.4
90°	0.0

(END OF REPORT)