

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: P1267532

Luminaire Tested: P3A13R459735DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267532
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R459735DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

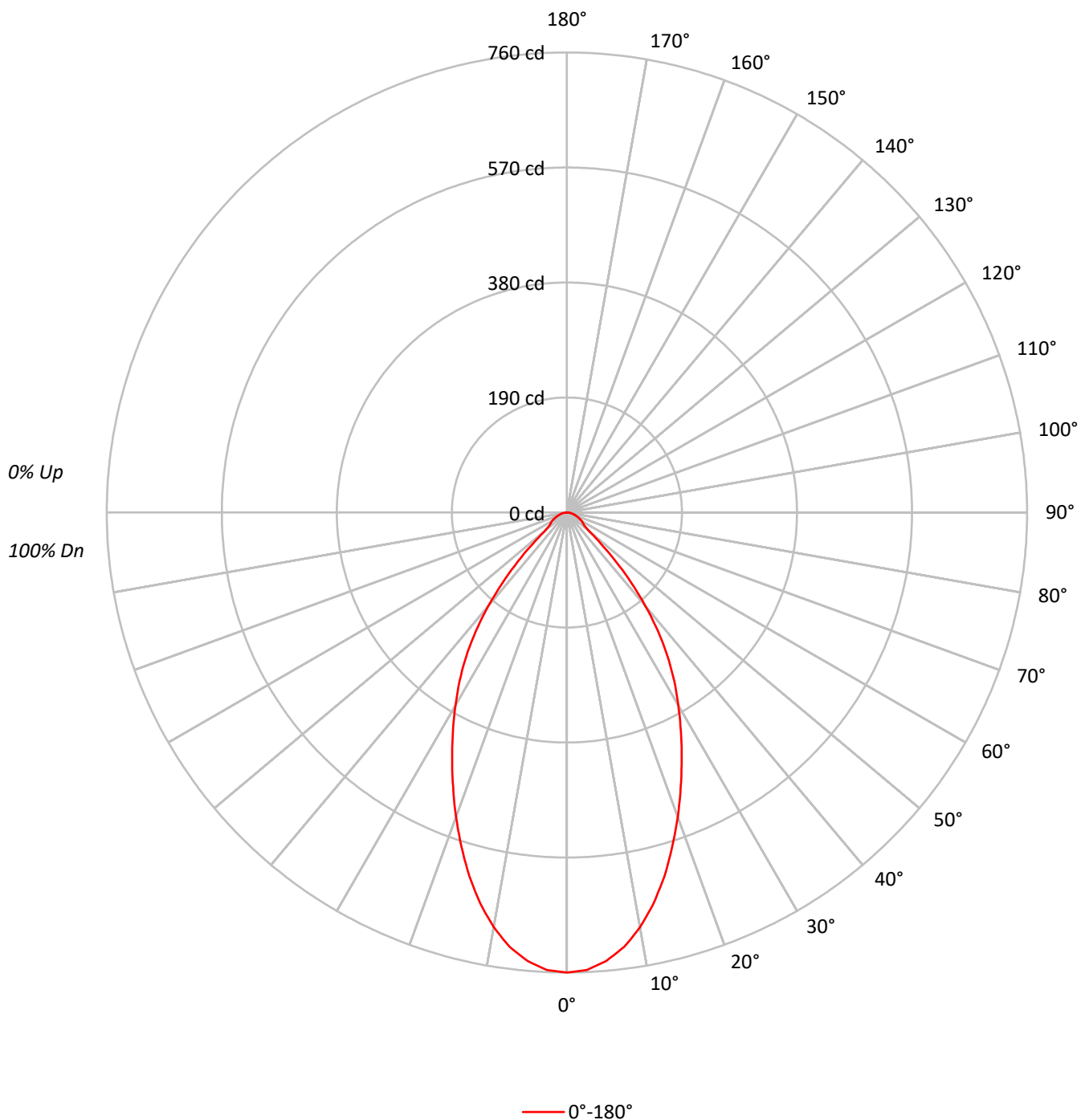
Lumens per Lamp: N/A
Luminaire Lumens: 786.0 lumens
Efficiency: N/A
Efficacy: 53.8 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91		
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83		
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75		
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69		
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63		
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58		
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54		
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50		
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47		
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	166653
5°	163702
10°	154907
15°	141272
20°	124914
25°	108490
30°	93128
35°	77604
40°	57823
45°	35384
50°	16375
55°	12807
60°	12324
65°	11259
70°	10450
75°	9997
80°	9092
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35384 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.5	8.8
10°-20°	173.3	22.0
20°-30°	205.9	26.2
30°-40°	178.9	22.8
40°-50°	89.7	11.4
50°-60°	31.1	4.0
60°-70°	21.8	2.8
70°-80°	12.2	1.6
80°-90°	3.7	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°	448.6	57.1
0°-40°	627.5	79.8
0°-60°	748.3	95.2
0°-90°	786.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	786.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	760	
5°	744	69
15°	622	173
25°	448	206
35°	290	179
45°	114	90
55°	34	31
65°	22	22
75°	12	12
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	760.0
2.5°	756.4
5°	743.7
7.5°	723.8
10°	695.7
12.5°	661.2
15°	622.3
17.5°	578.8
20°	535.3
22.5°	491.0
25°	448.4
27.5°	407.6
30°	367.8
32.5°	329.7
35°	289.9
37.5°	247.3
40°	202.0
42.5°	157.6
45°	114.1
47.5°	75.2
50°	48.0
52.5°	37.1
55°	33.5
57.5°	30.8
60°	28.1
62.5°	25.4
65°	21.7
67.5°	19.0
70°	16.3
72.5°	13.6
75°	11.8
77.5°	9.1
80°	7.2
82.5°	5.4
85°	2.7
87.5°	1.8
90°	0.0

(END OF REPORT)