

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: P1265496

Luminaire Tested: P3A17R459730DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265496
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: P3A17R459730DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

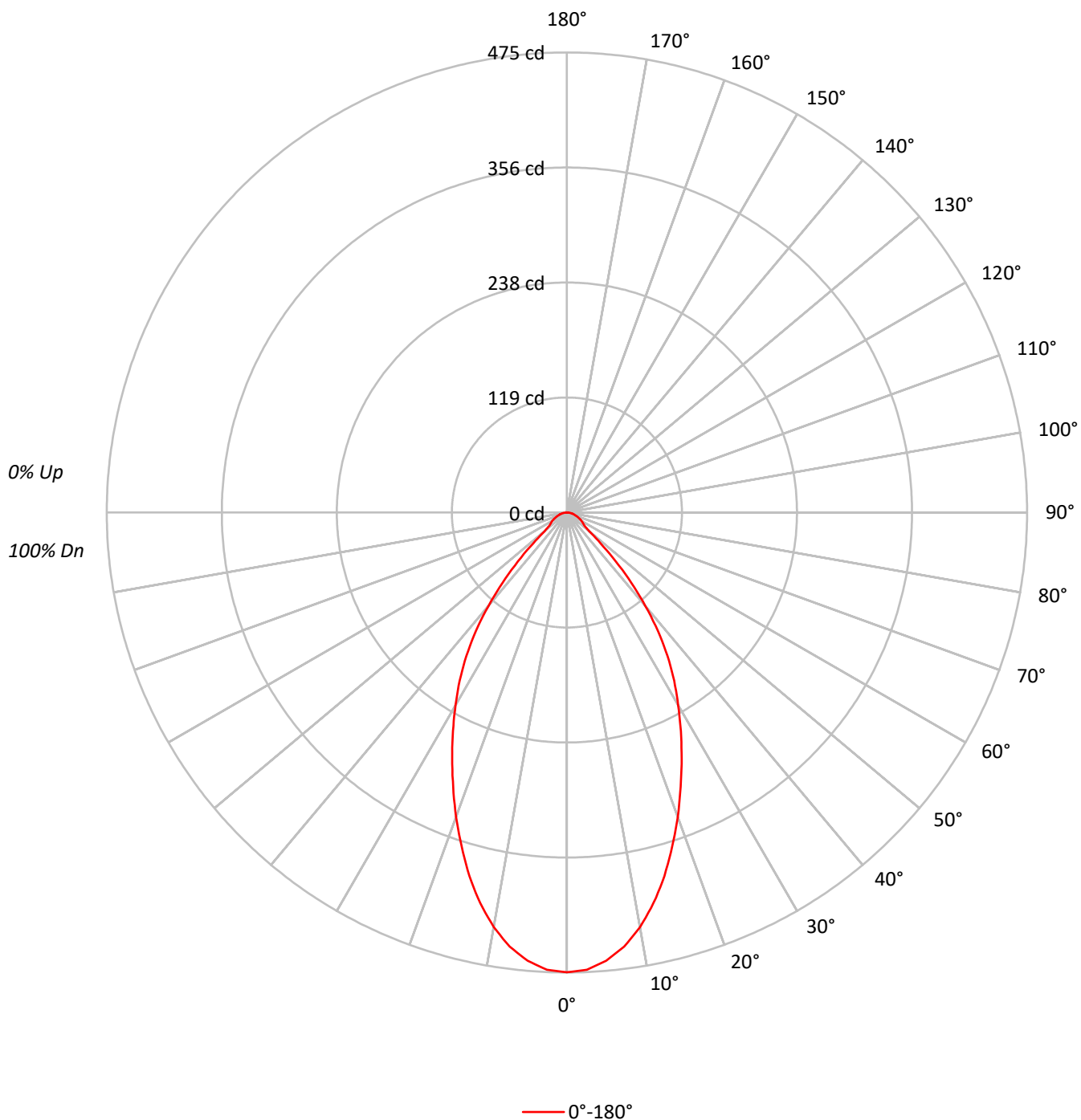
Lumens per Lamp: N/A
Luminaire Lumens: 491.0 lumens
Efficiency: N/A
Efficacy: 23.2 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1265496

CATALOG NUMBER: P3A17R459730DE010 E3DLD1GPH

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	104	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	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	104093
5°	102267
10°	96770
15°	88241
20°	78033
25°	67770
30°	58161
35°	48479
40°	36125
45°	22111
50°	10234
55°	7990
60°	7675
65°	7057
70°	6540
75°	6270
80°	5683
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22111 cd/sqm

TEST NUMBER: P1265496

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.4	8.8
10°-20°	108.2	22.0
20°-30°	128.6	26.2
30°-40°	111.7	22.8
40°-50°	56.0	11.4
50°-60°	19.4	4.0
60°-70°	13.6	2.8
70°-80°	7.6	1.6
80°-90°	2.3	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°	280.2	57.1
0°-40°	392.0	79.8
0°-60°	467.4	95.2
0°-90°	491.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	491.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	475	
5°	465	43
15°	389	108
25°	280	129
35°	181	112
45°	71	56
55°	21	19
65°	14	14
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	474.7
2.5°	472.5
5°	464.6
7.5°	452.1
10°	434.6
12.5°	413.1
15°	388.7
17.5°	361.6
20°	334.4
22.5°	306.7
25°	280.1
27.5°	254.6
30°	229.7
32.5°	206.0
35°	181.1
37.5°	154.5
40°	126.2
42.5°	98.5
45°	71.3
47.5°	47.0
50°	30.0
52.5°	23.2
55°	20.9
57.5°	19.2
60°	17.5
62.5°	15.8
65°	13.6
67.5°	11.9
70°	10.2
72.5°	8.5
75°	7.4
77.5°	5.7
80°	4.5
82.5°	3.4
85°	1.7
87.5°	1.1
90°	0.0

(END OF REPORT)