

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: P1270283

Luminaire Tested: P3A17R509740DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270283
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: P3A17R509740DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

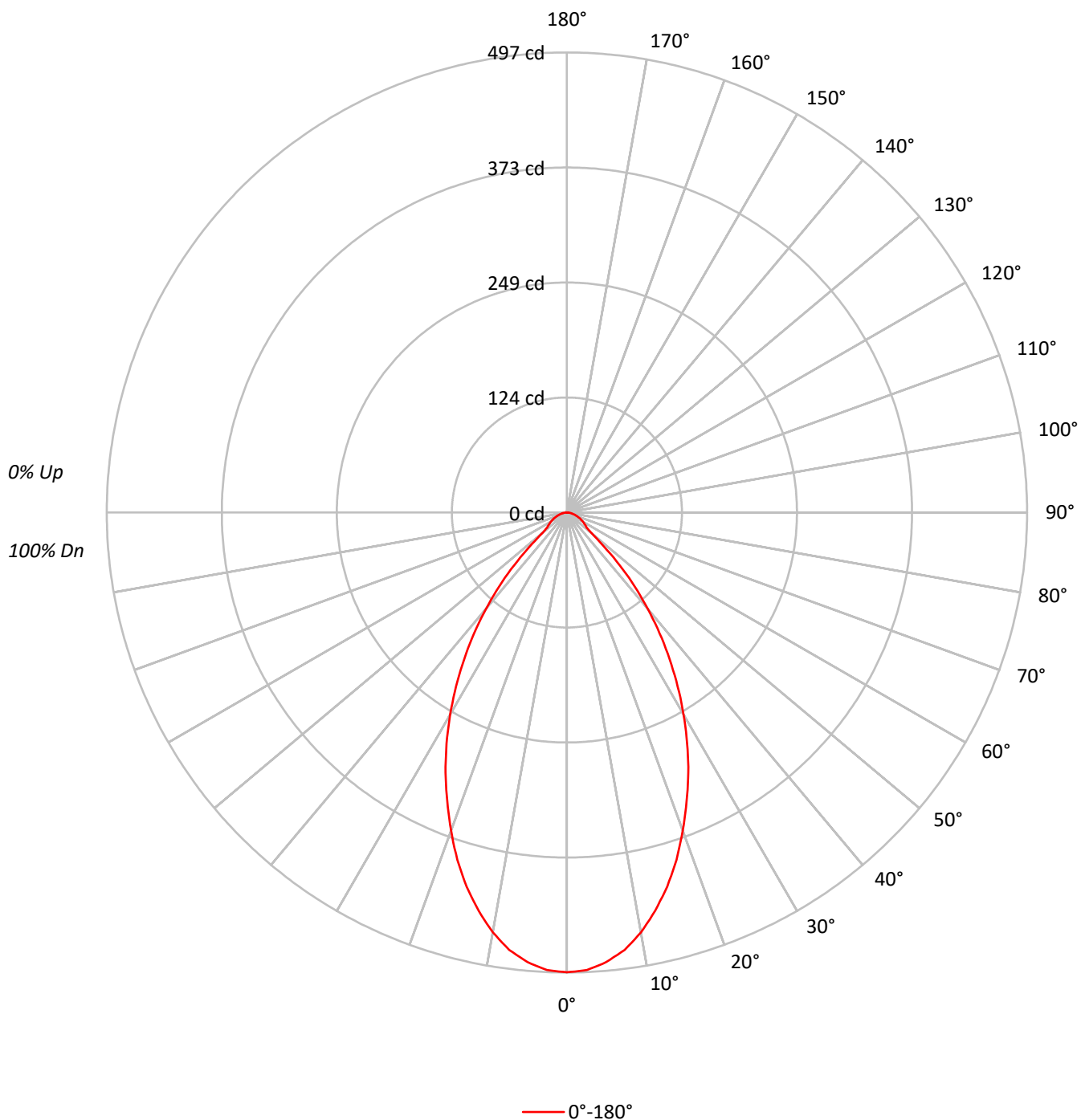
Lumens per Lamp: N/A
Luminaire Lumens: 536.0 lumens
Efficiency: N/A
Efficacy: 25.3 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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°	108917
5°	107330
10°	102559
15°	94984
20°	85361
25°	75053
30°	63807
35°	51745
40°	38873
45°	25057
50°	11906
55°	9366
60°	8859
65°	8250
70°	7437
75°	6778
80°	6188
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25057 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.7	8.5
10°-20°	116.7	21.8
20°-30°	141.7	26.4
30°-40°	120.2	22.4
40°-50°	62.5	11.7
50°-60°	22.5	4.2
60°-70°	15.6	2.9
70°-80°	8.5	1.6
80°-90°	2.7	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°	304.1	56.7
0°-40°	424.3	79.2
0°-60°	509.3	95.0
0°-90°	536.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	536.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	497	
5°	488	46
15°	418	117
25°	310	142
35°	193	120
45°	81	62
55°	24	23
65°	16	16
75°	8	8
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	496.7
2.5°	494.9
5°	487.6
7.5°	476.6
10°	460.6
12.5°	440.5
15°	418.4
17.5°	393.4
20°	365.8
22.5°	337.7
25°	310.2
27.5°	281.4
30°	252.0
32.5°	222.7
35°	193.3
37.5°	164.6
40°	135.8
42.5°	108.3
45°	80.8
47.5°	53.8
50°	34.9
52.5°	26.9
55°	24.5
57.5°	22.0
60°	20.2
62.5°	17.7
65°	15.9
67.5°	13.5
70°	11.6
72.5°	9.8
75°	8.0
77.5°	6.1
80°	4.9
82.5°	3.7
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)