

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: P1264740

Luminaire Tested: P3A09R459730DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019

Report Number: P1264740

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: P3A09R459730DE010 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: 279.0 lumens

Efficiency: N/A

Efficacy: 25.1 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): 11.1

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

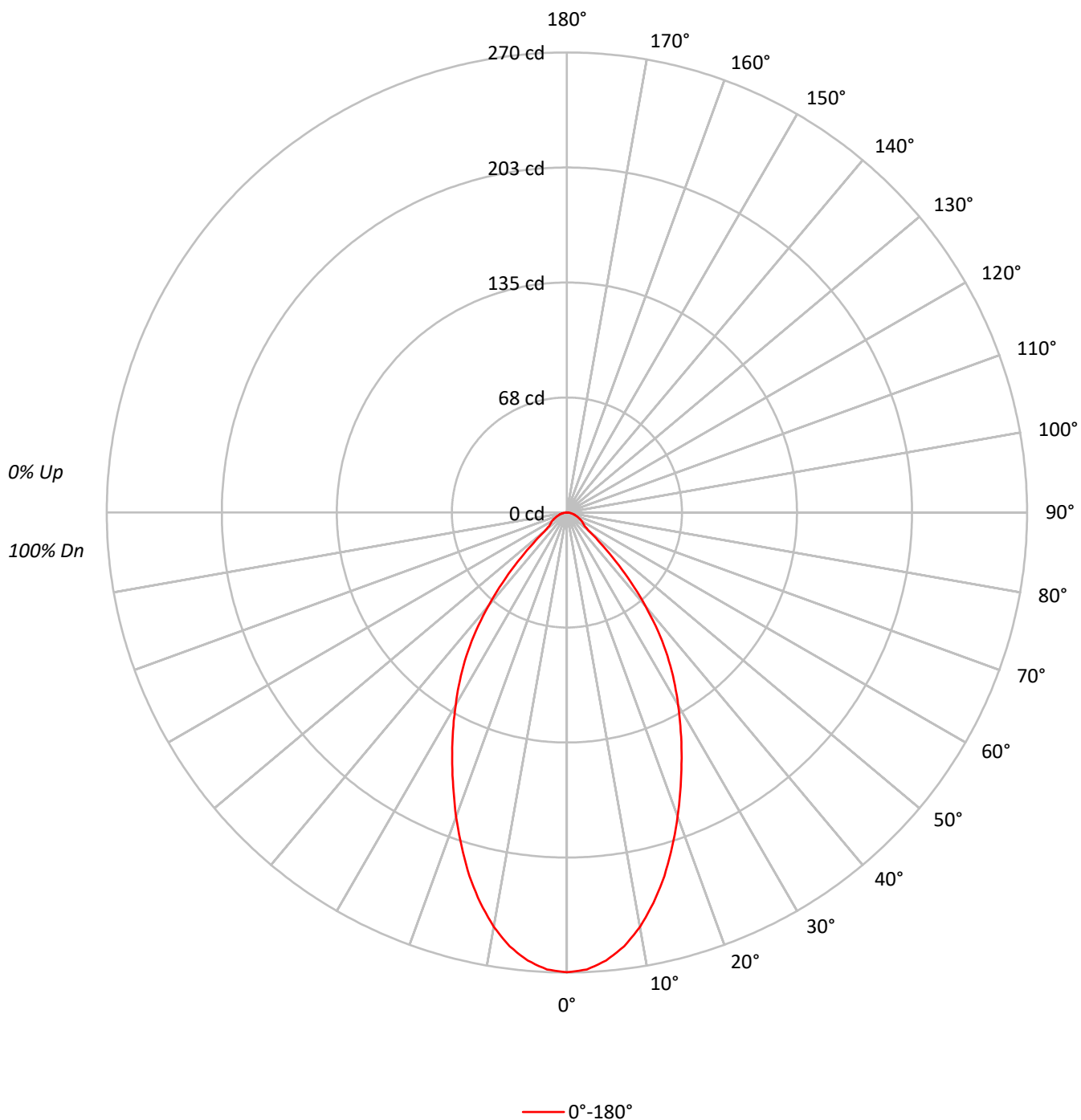
Ambient Temperature (°C): NR

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	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°	59162
5°	58111
10°	54976
15°	50148
20°	44337
25°	38518
30°	33043
35°	27546
40°	20524
45°	12559
50°	5799
55°	4549
60°	4386
65°	3995
70°	3719
75°	3558
80°	3283
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12559 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.7	8.8
10°-20°	61.5	22.0
20°-30°	73.1	26.2
30°-40°	63.5	22.8
40°-50°	31.8	11.4
50°-60°	11.1	4.0
60°-70°	7.8	2.8
70°-80°	4.3	1.6
80°-90°	1.3	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°	159.2	57.1
0°-40°	222.7	79.8
0°-60°	265.6	95.2
0°-90°	279.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	279.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	270	
5°	264	25
15°	221	62
25°	159	73
35°	103	63
45°	40	32
55°	12	11
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	269.8
2.5°	268.5
5°	264.0
7.5°	256.9
10°	246.9
12.5°	234.7
15°	220.9
17.5°	205.5
20°	190.0
22.5°	174.3
25°	159.2
27.5°	144.7
30°	130.5
32.5°	117.0
35°	102.9
37.5°	87.8
40°	71.7
42.5°	55.9
45°	40.5
47.5°	26.7
50°	17.0
52.5°	13.2
55°	11.9
57.5°	10.9
60°	10.0
62.5°	9.0
65°	7.7
67.5°	6.8
70°	5.8
72.5°	4.8
75°	4.2
77.5°	3.2
80°	2.6
82.5°	1.9
85°	1.0
87.5°	0.6
90°	0.0

(END OF REPORT)