

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: P1273420

Luminaire Tested: P3A05R459830DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273420
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: P3A05R459830DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

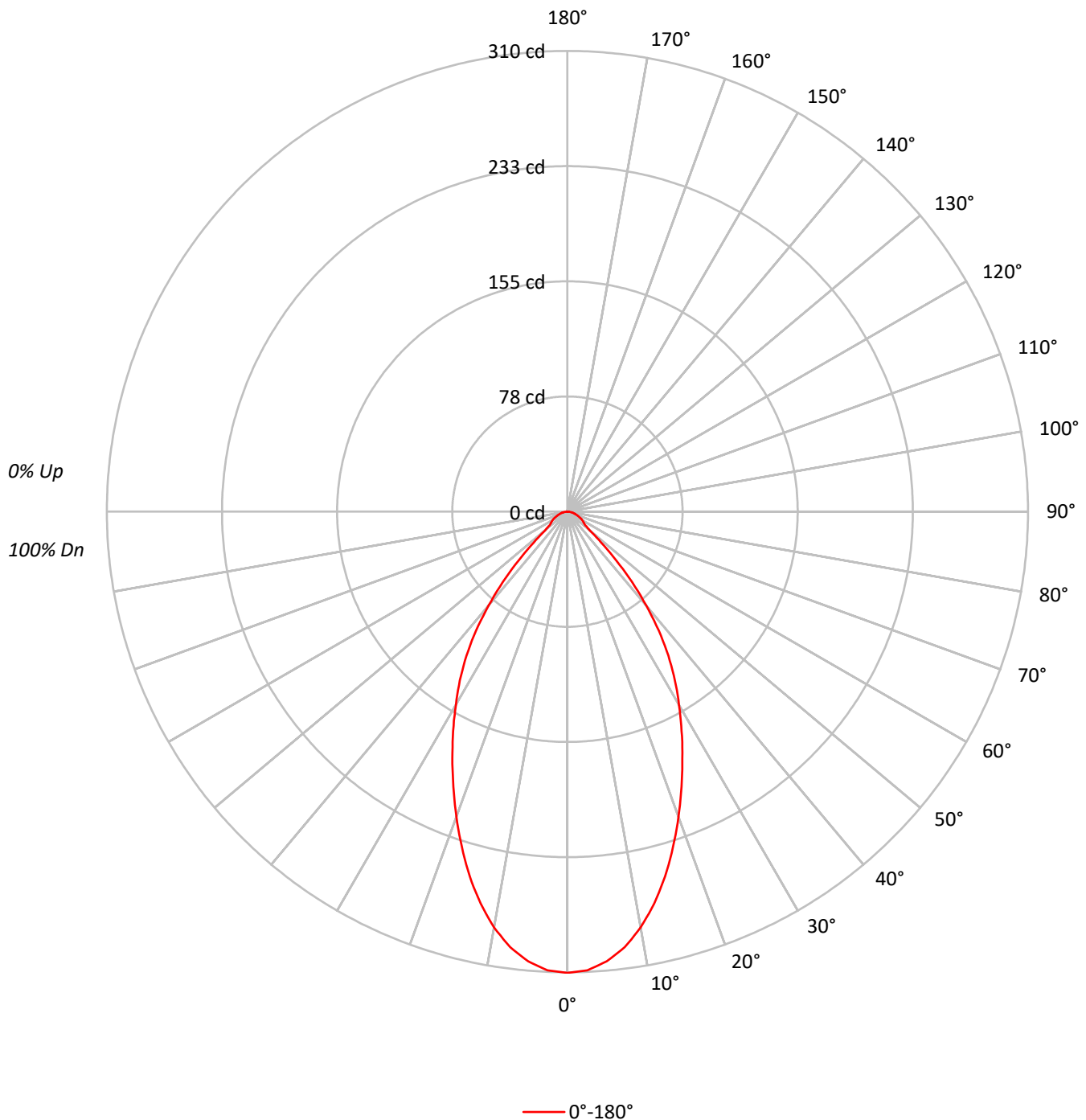
Lumens per Lamp: N/A
Luminaire Lumens: 321.0 lumens
Efficiency: N/A
Efficacy: 44.6 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1273420

CATALOG NUMBER: P3A05R459830DE010 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
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°	68065
5°	66850
10°	63259
15°	57685
20°	51011
25°	44301
30°	38031
35°	31695
40°	23616
45°	14451
50°	6686
55°	5238
60°	5043
65°	4618
70°	4296
75°	4067
80°	3788
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14451 cd/sqm

TEST NUMBER: P1273420

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.4	8.8
10°-20°	70.8	22.0
20°-30°	84.1	26.2
30°-40°	73.1	22.8
40°-50°	36.6	11.4
50°-60°	12.7	4.0
60°-70°	9.0	2.8
70°-80°	5.0	1.5
80°-90°	1.5	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°	183.2	57.1
0°-40°	256.3	79.8
0°-60°	305.6	95.2
0°-90°	321.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	321.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	310	
5°	304	28
15°	254	71
25°	183	84
35°	118	73
45°	47	37
55°	14	13
65°	9	9
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	310.4
2.5°	308.9
5°	303.7
7.5°	295.6
10°	284.1
12.5°	270.1
15°	254.1
17.5°	236.4
20°	218.6
22.5°	200.5
25°	183.1
27.5°	166.5
30°	150.2
32.5°	134.7
35°	118.4
37.5°	101.0
40°	82.5
42.5°	64.4
45°	46.6
47.5°	30.7
50°	19.6
52.5°	15.2
55°	13.7
57.5°	12.6
60°	11.5
62.5°	10.4
65°	8.9
67.5°	7.8
70°	6.7
72.5°	5.5
75°	4.8
77.5°	3.7
80°	3.0
82.5°	2.2
85°	1.1
87.5°	0.7
90°	0.0

(END OF REPORT)