

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: P1264188

Luminaire Tested: P3A05R159730DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264188
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R159730DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

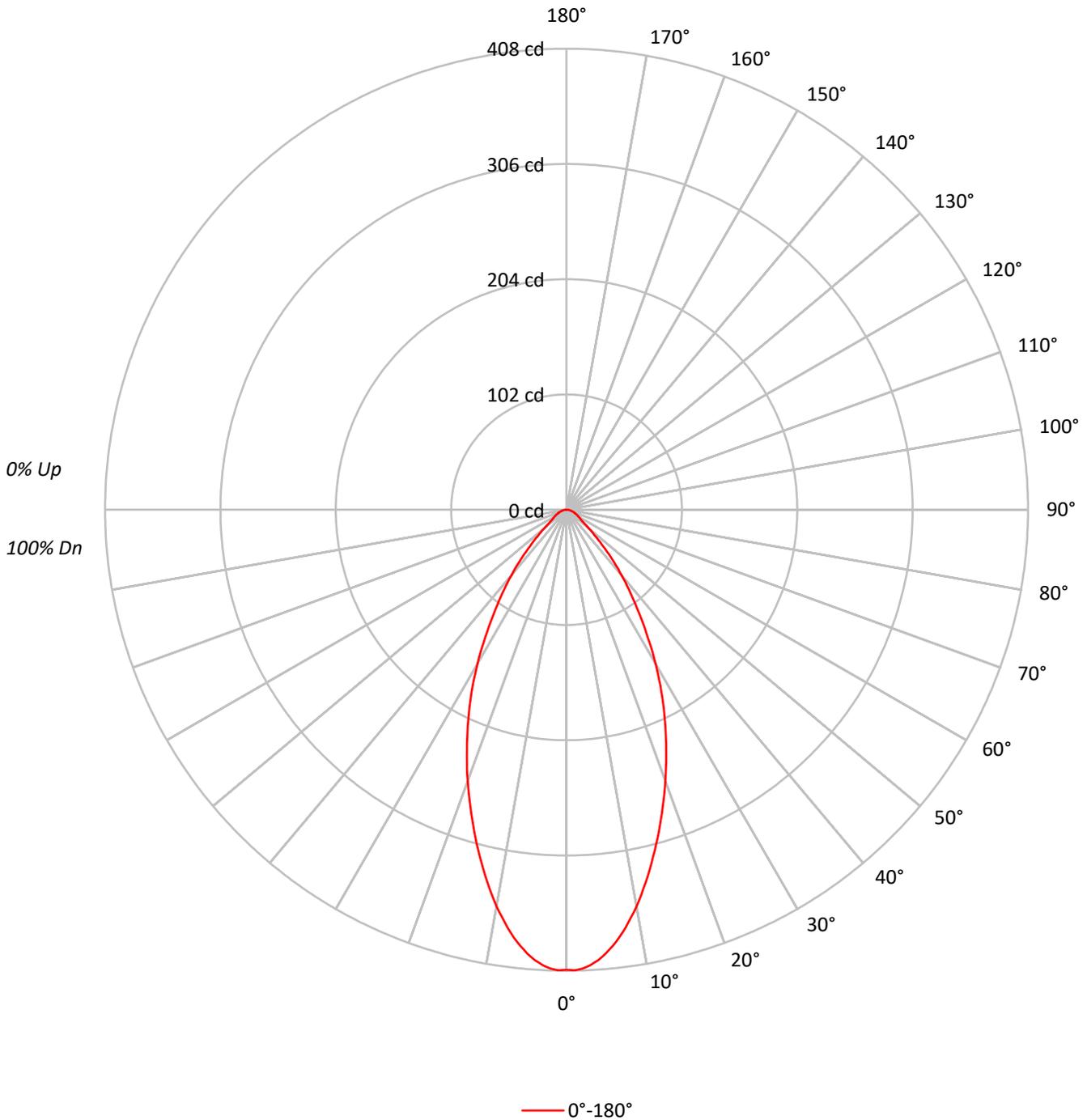
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 353.9 lumens
Efficiency: N/A
Efficacy: 49.2 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
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

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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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	92			92
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83			83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76			76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70			70
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	70	66	65			65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60			60
7	80	70	63	58	78	69	63	58	67	62	58	66	61	58	65	61	57	56			56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52			52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			49
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	89291
5°	86859
10°	79380
15°	69535
20°	59645
25°	49793
30°	39854
35°	29901
40°	21698
45°	14172
50°	8870
55°	6002
60°	5307
65°	4877
70°	4616
75°	4151
80°	3915
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 14172 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.4	10.3
10°-20°	85.3	24.1
20°-30°	94.0	26.6
30°-40°	70.4	19.9
40°-50°	36.5	10.3
50°-60°	15.1	4.3
60°-70°	9.4	2.7
70°-80°	5.2	1.5
80°-90°	1.5	0.4
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°	215.8	61.0
0°-40°	286.2	80.9
0°-60°	337.8	95.5
0°-90°	353.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	353.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	407	
5°	395	36
15°	306	85
25°	206	94
35°	112	70
45°	46	36
55°	16	15
65°	9	9
75°	5	5
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	407.2
1°	407.7
2°	406.3
3°	403.6
4°	399.6
5°	394.6
6°	388.4
7°	381.6
8°	373.6
9°	365.0
10°	356.5
12.5°	331.9
15°	306.3
17.5°	280.7
20°	255.6
22.5°	230.1
25°	205.8
27.5°	181.6
30°	157.4
32.5°	133.6
35°	111.7
37.5°	92.8
40°	75.8
42.5°	60.1
45°	45.7
47.5°	34.5
50°	26.0
52.5°	19.3
55°	15.7
57.5°	13.9
60°	12.1
62.5°	10.8
65°	9.4
67.5°	8.1
70°	7.2
72.5°	5.8
75°	4.9
77.5°	4.0
80°	3.1
82.5°	2.2
85°	1.3
87.5°	0.4
90°	0.0

(END OF REPORT)