

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: P1265151

Luminaire Tested: P3A13R459730DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265151
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: P3A13R459730DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

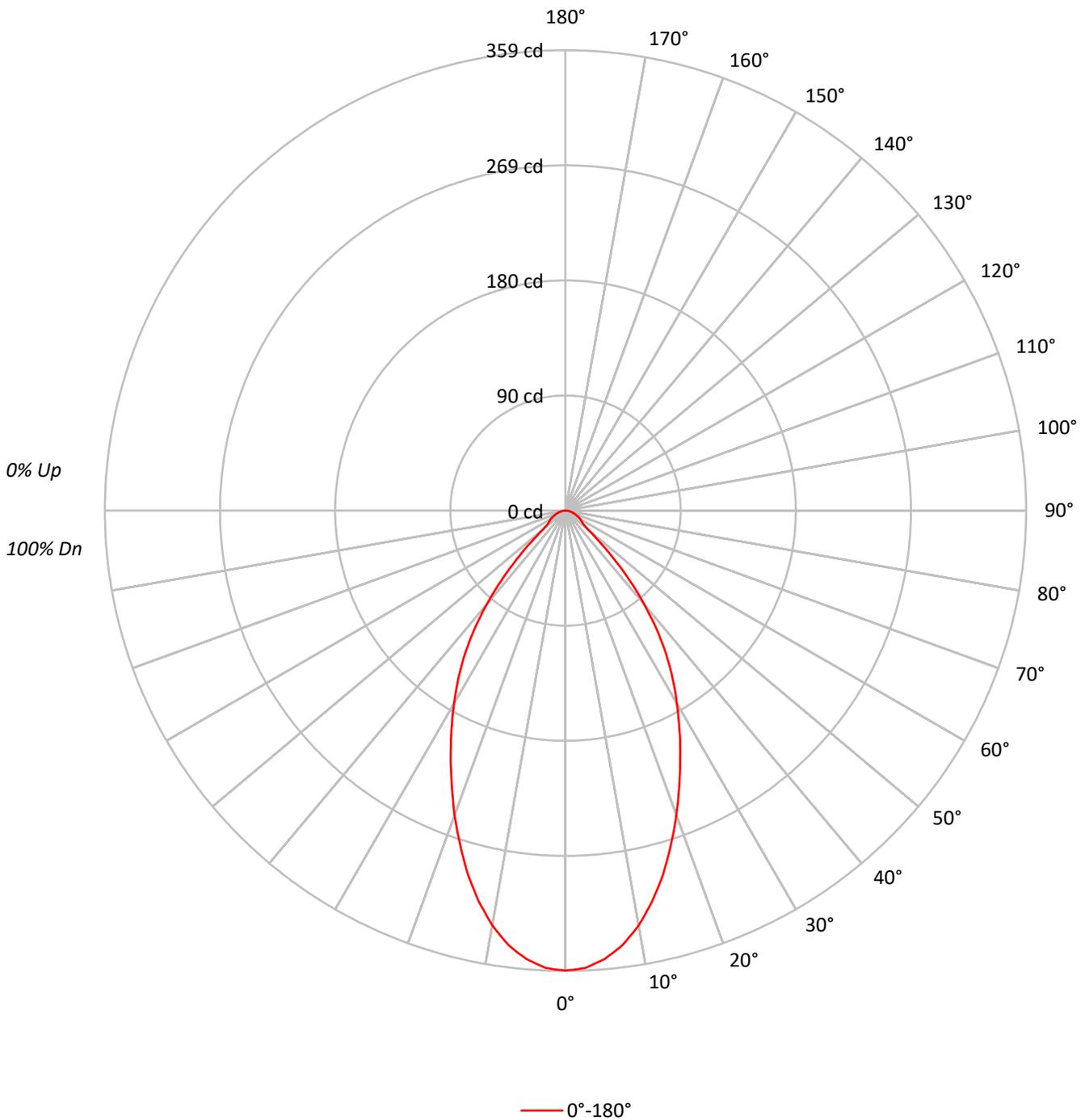
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 371.0 lumens
Efficiency: N/A
Efficacy: 25.4 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): 14.6
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: P1265151
CATALOG NUMBER: P3A13R459730DE010 E3DLD1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1265151

CATALOG NUMBER: P3A13R459730DE010 E3DLD1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91				91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83				83
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75				75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69				69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63				63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58				58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54				54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50				50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47				47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44				44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	78656
5°	77262
10°	73123
15°	66675
20°	58968
25°	51197
30°	43956
35°	36620
40°	27280
45°	16715
50°	7744
55°	6040
60°	5833
65°	5344
70°	4937
75°	4745
80°	4293
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16715 cd/sqm



TEST NUMBER: P1265151
 CATALOG NUMBER: P3A13R459730DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.8	8.8
10°-20°	81.8	22.0
20°-30°	97.2	26.2
30°-40°	84.4	22.7
40°-50°	42.3	11.4
50°-60°	14.7	4.0
60°-70°	10.3	2.8
70°-80°	5.8	1.6
80°-90°	1.8	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°	211.7	57.1
0°-40°	296.1	79.8
0°-60°	353.2	95.2
0°-90°	371.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	371.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	359	
5°	351	33
15°	294	82
25°	212	97
35°	137	84
45°	54	42
55°	16	15
65°	10	10
75°	6	6
85°	1	2
90°	0	



TEST NUMBER: P1265151
CATALOG NUMBER: P3A13R459730DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	358.7
2.5°	357.0
5°	351.0
7.5°	341.6
10°	328.4
12.5°	312.1
15°	293.7
17.5°	273.2
20°	252.7
22.5°	231.7
25°	211.6
27.5°	192.4
30°	173.6
32.5°	155.6
35°	136.8
37.5°	116.7
40°	95.3
42.5°	74.4
45°	53.9
47.5°	35.5
50°	22.7
52.5°	17.5
55°	15.8
57.5°	14.5
60°	13.3
62.5°	12.0
65°	10.3
67.5°	9.0
70°	7.7
72.5°	6.4
75°	5.6
77.5°	4.3
80°	3.4
82.5°	2.6
85°	1.3
87.5°	0.9
90°	0.0

(END OF REPORT)