

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: P1264369

Luminaire Tested: P3A05R459730DE010 E3DLP1H

Issue Date: 1/30/2026

**Test Information**

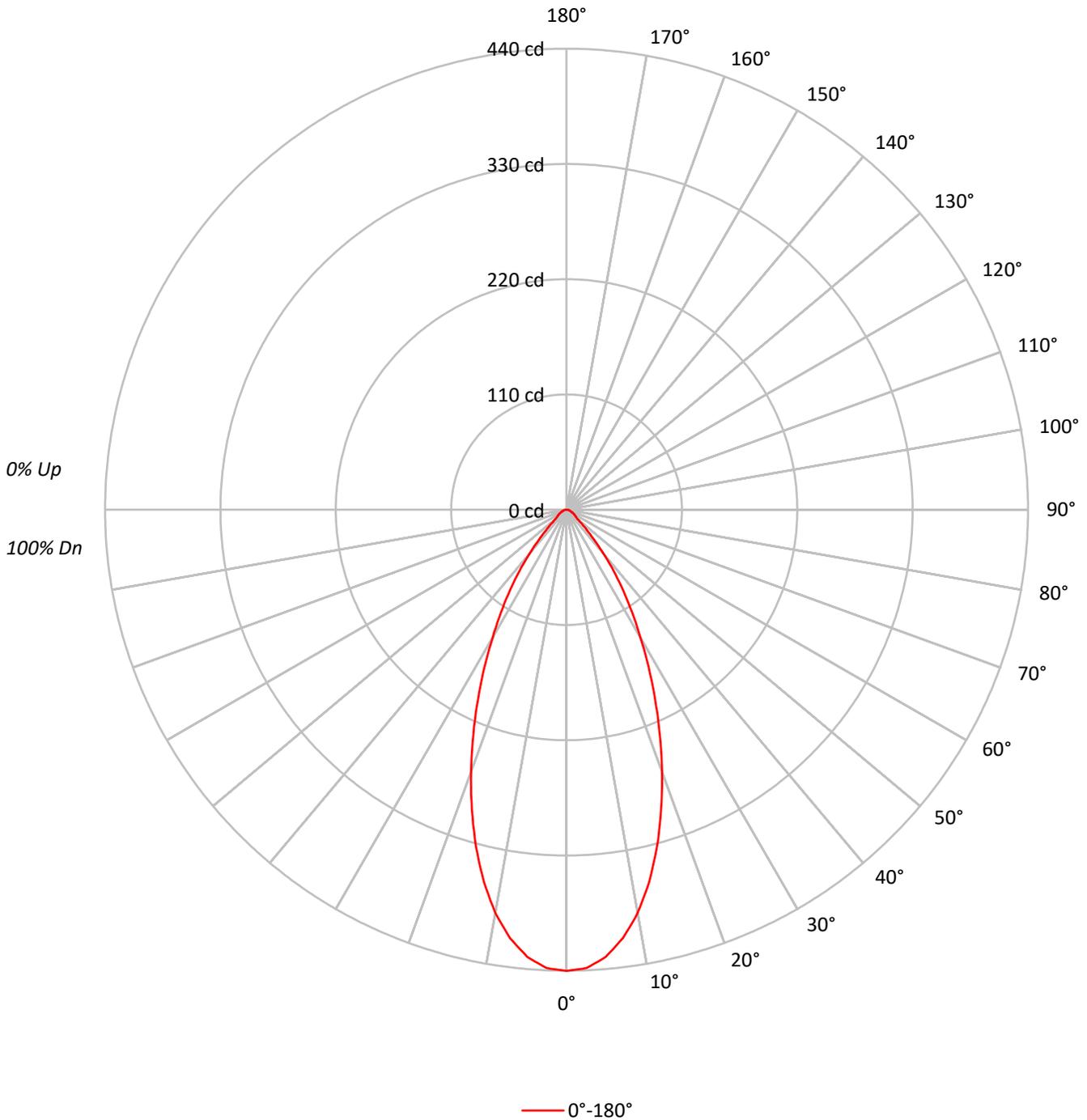
Test Method: LM-79-2019  
Report Number: P1264369  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R459730DE010 E3DLP1H  
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 97CRI , E3DLP1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 323.9 lumens  
Efficiency: N/A  
Efficacy: 45.0 lumens/watt  
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76  
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: P1264369  
CATALOG NUMBER: P3A05R459730DE010 E3DLP1H

### Luminous Intensity Polar Plot





TEST NUMBER: P1264369  
 CATALOG NUMBER: P3A05R459730DE010 E3DLP1H

**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	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93				93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86				86
3	102	95	90	86	100	93	89	85	91	87	83	88	85	82	86	83	81	79				79
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74				74
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69				69
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64				64
7	83	73	67	63	81	72	67	63	71	66	62	70	65	62	69	65	62	60				60
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56				56
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53				53
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50				50

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	96505
5°	94299
10°	86995
15°	75642
20°	62142
25°	48342
30°	35702
35°	25136
40°	15687
45°	8497
50°	4605
55°	3938
60°	3552
65°	3009
70°	2565
75°	2626
80°	2273
85°	2264

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8497 cd/sqm



TEST NUMBER: P1264369  
 CATALOG NUMBER: P3A05R459730DE010 E3DLP1H

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	39.7	12.2
10°-20°	92.1	28.4
20°-30°	91.4	28.2
30°-40°	58.9	18.2
40°-50°	22.7	7.0
50°-60°	9.2	2.8
60°-70°	5.8	1.8
70°-80°	3.1	1.0
80°-90°	1.0	0.3
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°	223.2	68.9
0°-40°	282.2	87.1
0°-60°	314.1	97.0
0°-90°	323.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	323.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	440	
5°	428	40
15°	333	92
25°	200	91
35°	94	59
45°	27	23
55°	10	9
65°	6	6
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1264369  
CATALOG NUMBER: P3A05R459730DE010 E3DLP1H

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	440.1
2.5°	437.9
5°	428.4
7.5°	412.3
10°	390.7
12.5°	363.8
15°	333.2
17.5°	300.0
20°	266.3
22.5°	232.2
25°	199.8
27.5°	169.3
30°	141.0
32.5°	116.3
35°	93.9
37.5°	73.7
40°	54.8
42.5°	39.5
45°	27.4
47.5°	18.4
50°	13.5
52.5°	11.2
55°	10.3
57.5°	9.0
60°	8.1
62.5°	6.7
65°	5.8
67.5°	4.9
70°	4.0
72.5°	3.6
75°	3.1
77.5°	2.2
80°	1.8
82.5°	1.3
85°	0.9
87.5°	0.4
90°	0.0

(END OF REPORT)