

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: P1264394

Luminaire Tested: P3AS05R509730DE010 E3DLD1MW

Issue Date: 1/30/2026

**Test Information**

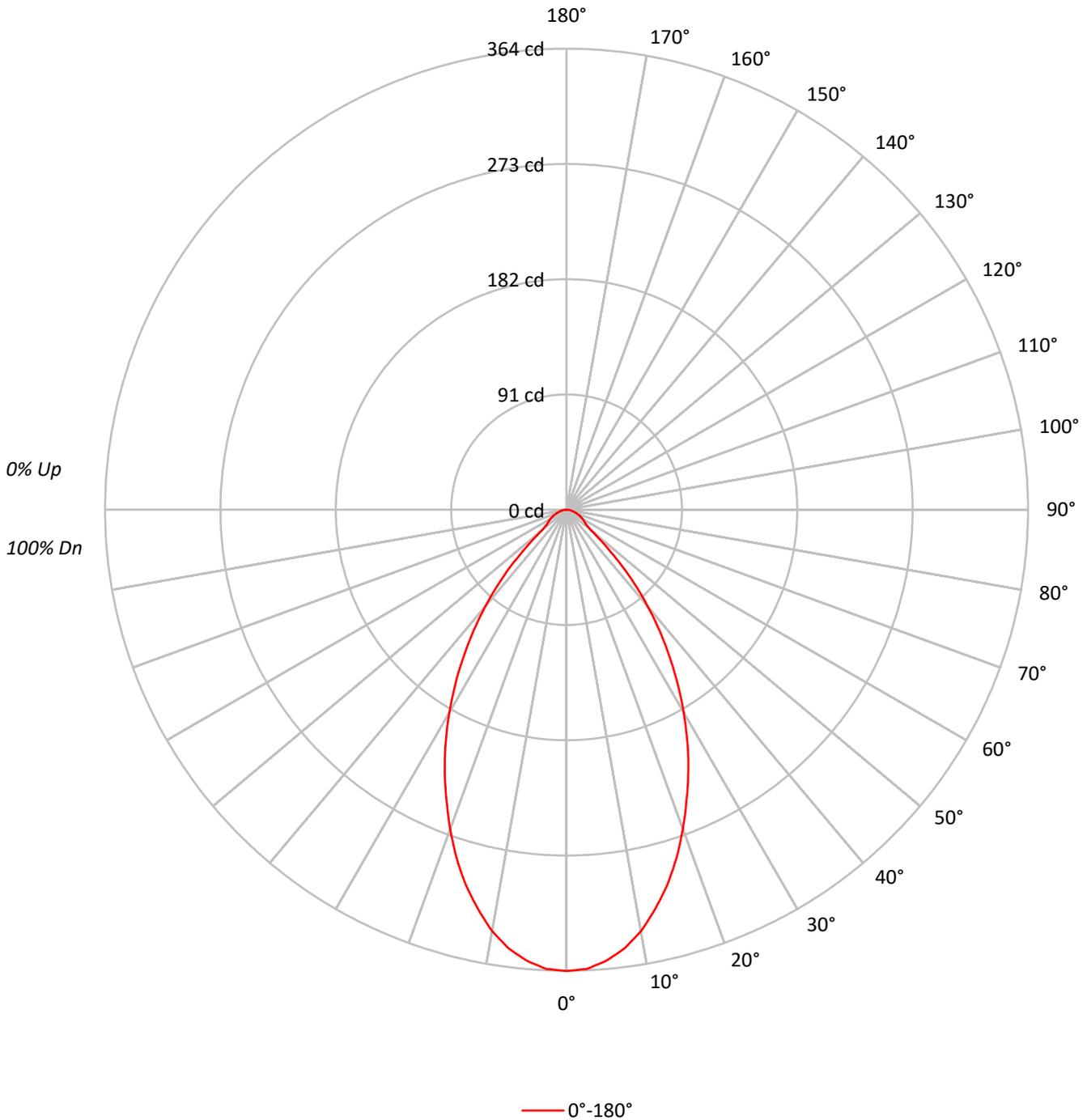
Test Method: LM-79-2019  
Report Number: P1264394  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R509730DE010 E3DLD1MW  
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 393.0 lumens  
Efficiency: N/A  
Efficacy: 54.6 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93  
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: P1264394  
CATALOG NUMBER: P3AS05R509730DE010 E3DLD1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1264394  
 CATALOG NUMBER: P3AS05R509730DE010 E3DLD1MW

**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			
1	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91			
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83			
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75			
4	93	85	78	73	91	83	77	73	81	76	72	79	75	71	77	73	70	69			
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63			
6	83	73	66	61	81	72	65	61	70	65	60	69	64	60	67	63	59	58			
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	53			
8	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50			
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46			
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	45	43			

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

	0°
0°	79862
5°	78692
10°	75216
15°	69649
20°	62585
25°	55019
30°	46792
35°	37932
40°	28511
45°	18358
50°	8733
55°	6843
60°	6491
65°	6071
70°	5450
75°	4914
80°	4546
85°	4529

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 18358 cd/sqm



TEST NUMBER: P1264394  
 CATALOG NUMBER: P3AS05R509730DE010 E3DLD1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	33.5	8.5
10°-20°	85.5	21.8
20°-30°	103.9	26.4
30°-40°	88.1	22.4
40°-50°	45.8	11.7
50°-60°	16.5	4.2
60°-70°	11.4	2.9
70°-80°	6.2	1.6
80°-90°	2.0	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°	223.0	56.7
0°-40°	311.1	79.2
0°-60°	373.4	95.0
0°-90°	393.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	393.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	364	
5°	358	34
15°	307	86
25°	227	104
35°	142	88
45°	59	46
55°	18	16
65°	12	11
75°	6	6
85°	2	2
90°	0	



TEST NUMBER: P1264394  
CATALOG NUMBER: P3AS05R509730DE010 E3DLD1MW

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	364.2
2.5°	362.9
5°	357.5
7.5°	349.4
10°	337.8
12.5°	322.9
15°	306.8
17.5°	288.4
20°	268.2
22.5°	247.6
25°	227.4
27.5°	206.3
30°	184.8
32.5°	163.3
35°	141.7
37.5°	120.7
40°	99.6
42.5°	79.4
45°	59.2
47.5°	39.5
50°	25.6
52.5°	19.7
55°	17.9
57.5°	16.1
60°	14.8
62.5°	13.0
65°	11.7
67.5°	9.9
70°	8.5
72.5°	7.2
75°	5.8
77.5°	4.5
80°	3.6
82.5°	2.7
85°	1.8
87.5°	0.9
90°	0.0

(END OF REPORT)