

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: P1297357

Luminaire Tested: P3AS13R45W2N902750DE010 E3DLD1MW\_3000K

Issue Date: 1/30/2026

**Test Information**

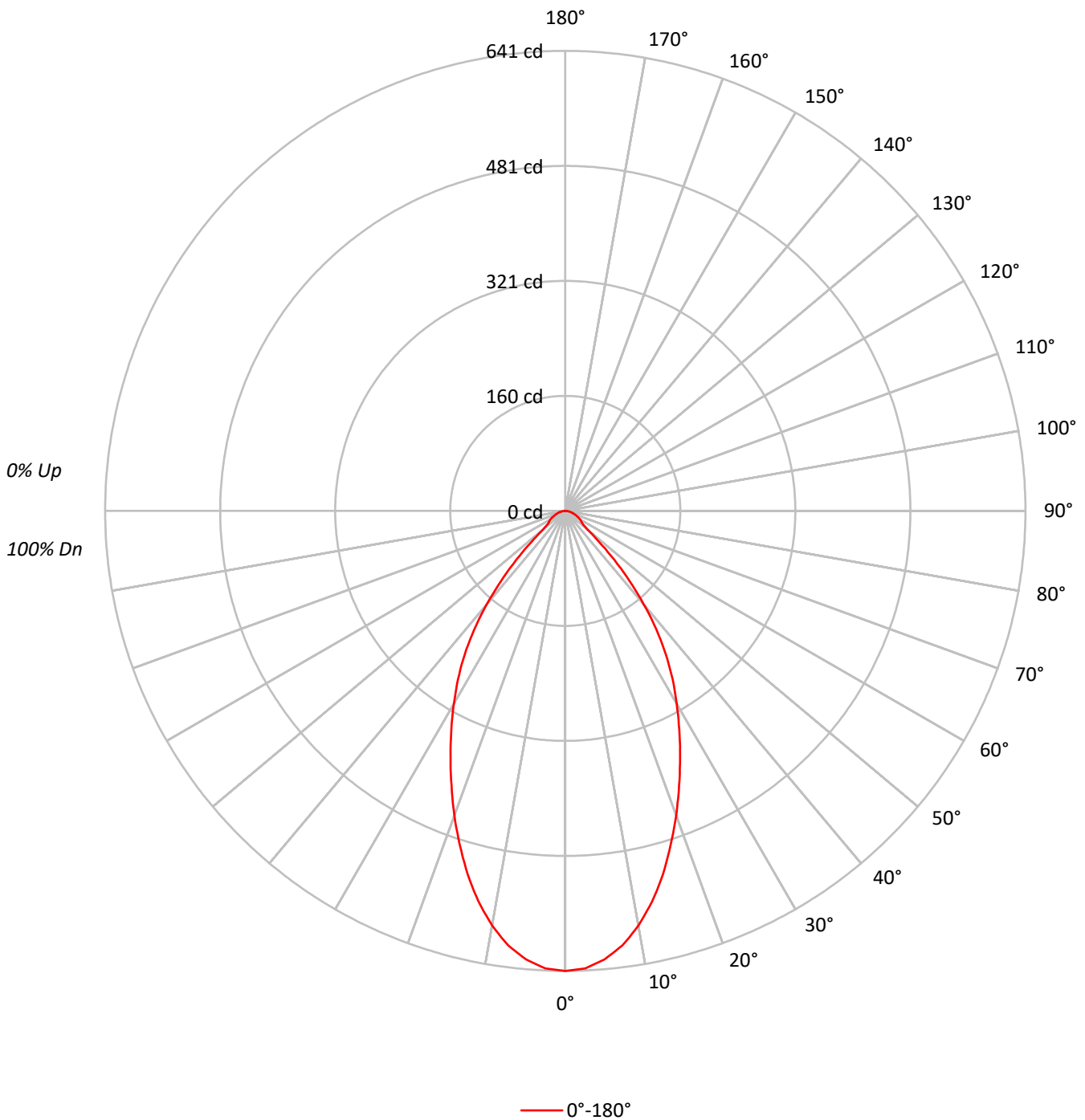
Test Method: LM-79-2019  
Report Number: P1297357  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R45W2N902750DE010 E3DLD1MW\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 3000K CCT AND, 90CRI ,  
E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 663.0 lumens  
Efficiency: N/A  
Efficacy: 53.9 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): 12.3  
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: P1297357  
CATALOG NUMBER: P3AS13R45W2N902750DE010 E3DLD1MW\_3000K

### Luminous Intensity Polar Plot





TEST NUMBER: P1297357  
 CATALOG NUMBER: P3AS13R45W2N902750DE010 E3DLD1MW\_3000K

**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	100	100
1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91	91	91	91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83	83	83	83
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75	75	75	75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69	69	69	69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63	63	63	63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58	58	58	58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54	54	54	54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50	50	50	50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47	47	47	47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44	44	44	44

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

	0°
0°	140581
5°	138080
10°	130659
15°	119161
20°	105382
25°	91505
30°	78544
35°	65451
40°	48777
45°	29864
50°	13816
55°	10819
60°	10394
65°	9495
70°	8848
75°	8388
80°	7703
85°	5787

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 29864 cd/sqm



TEST NUMBER: P1297357

CATALOG NUMBER: P3AS13R45W2N902750DE010 E3DLD1MW\_3000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	58.6	8.8
10°-20°	146.1	22.0
20°-30°	173.6	26.2
30°-40°	150.9	22.8
40°-50°	75.7	11.4
50°-60°	26.3	4.0
60°-70°	18.4	2.8
70°-80°	10.3	1.5
80°-90°	3.1	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°	378.4	57.1
0°-40°	529.2	79.8
0°-60°	631.2	95.2
0°-90°	663.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	663.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	641	
5°	627	59
15°	525	146
25°	378	174
35°	244	151
45°	96	76
55°	28	26
65°	18	18
75°	10	10
85°	2	3
90°	0	



TEST NUMBER: P1297357  
CATALOG NUMBER: P3AS13R45W2N902750DE010 E3DLD1MW\_3000K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	641.1
2.5°	638.0
5°	627.3
7.5°	610.5
10°	586.8
12.5°	557.8
15°	524.9
17.5°	488.2
20°	451.6
22.5°	414.1
25°	378.2
27.5°	343.8
30°	310.2
32.5°	278.1
35°	244.5
37.5°	208.6
40°	170.4
42.5°	132.9
45°	96.3
47.5°	63.4
50°	40.5
52.5°	31.3
55°	28.3
57.5°	26.0
60°	23.7
62.5°	21.4
65°	18.3
67.5°	16.0
70°	13.8
72.5°	11.5
75°	9.9
77.5°	7.6
80°	6.1
82.5°	4.6
85°	2.3
87.5°	1.5
90°	0.0

(END OF REPORT)