

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: P1298320

Luminaire Tested: P3A13R60W2N902750DE010 E3DLP1MW\_3000K

Issue Date: 1/30/2026

**Test Information**

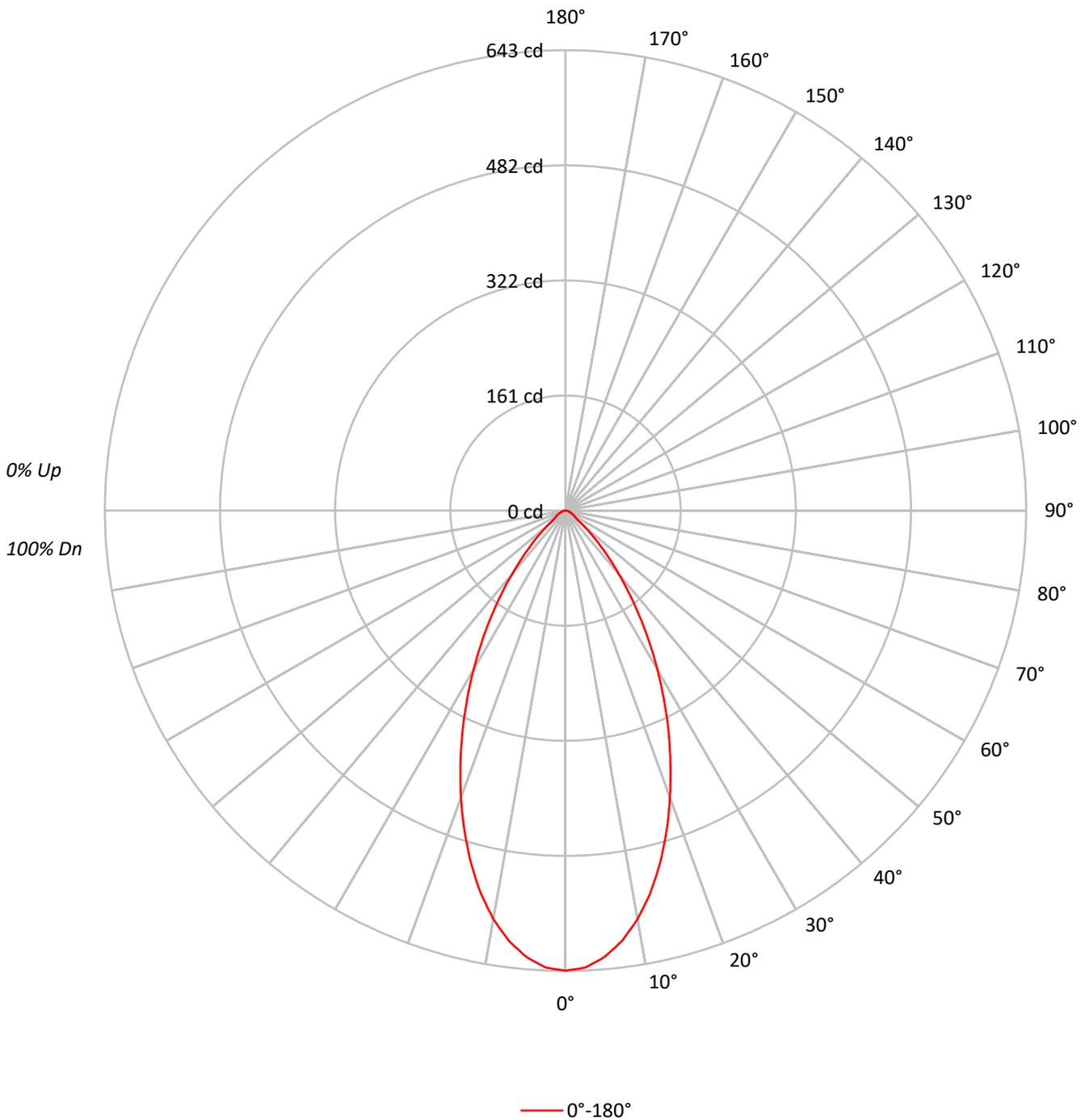
Test Method: LM-79-2019  
Report Number: P1298320  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R60W2N902750DE010 E3DLP1MW\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 3000K CCT AND, 90CRI ,  
E3DLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 556.0 lumens  
Efficiency: N/A  
Efficacy: 45.2 lumens/watt  
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83  
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: P1298320  
CATALOG NUMBER: P3A13R60W2N902750DE010 E3DLP1MW\_3000K

### Luminous Intensity Polar Plot





TEST NUMBER: P1298320  
 CATALOG NUMBER: P3A13R60W2N902750DE010 E3DLP1MW\_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			
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92			
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	88	86	85			
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	78			
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72			
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62			
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57			
8	77	67	60	56	75	66	60	56	65	60	56	64	59	55	63	58	55	54			
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	50			
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47			

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

	0°
0°	140910
5°	137750
10°	128967
15°	115687
20°	99502
25°	82263
30°	64997
35°	48265
40°	33234
45°	20839
50°	11462
55°	6729
60°	6052
65°	5137
70°	4424
75°	4490
80°	3915
85°	3774

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 20839 cd/sqm



TEST NUMBER: P1298320

CATALOG NUMBER: P3A13R60W2N902750DE010 E3DLP1MW\_3000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	58.3	10.5
10°-20°	141.5	25.5
20°-30°	155.2	27.9
30°-40°	113.1	20.3
40°-50°	53.4	9.6
50°-60°	17.5	3.2
60°-70°	9.9	1.8
70°-80°	5.3	1.0
80°-90°	1.7	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°	355.0	63.9
0°-40°	468.1	84.2
0°-60°	539.1	97.0
0°-90°	556.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	556.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	643	
5°	626	58
15°	510	142
25°	340	155
35°	180	113
45°	67	53
55°	18	18
65°	10	10
75°	5	5
85°	2	2
90°	0	



TEST NUMBER: P1298320  
CATALOG NUMBER: P3A13R60W2N902750DE010 E3DLP1MW\_3000K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	642.6
2.5°	638.8
5°	625.8
7.5°	605.9
10°	579.2
12.5°	547.1
15°	509.6
17.5°	469.1
20°	426.4
22.5°	382.8
25°	340.0
27.5°	297.2
30°	256.7
32.5°	217.8
35°	180.3
37.5°	146.7
40°	116.1
42.5°	89.4
45°	67.2
47.5°	48.9
50°	33.6
52.5°	22.2
55°	17.6
57.5°	15.3
60°	13.8
62.5°	11.5
65°	9.9
67.5°	8.4
70°	6.9
72.5°	6.1
75°	5.3
77.5°	3.8
80°	3.1
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)