

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: P1262669

Luminaire Tested: P3A13R259727DE010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

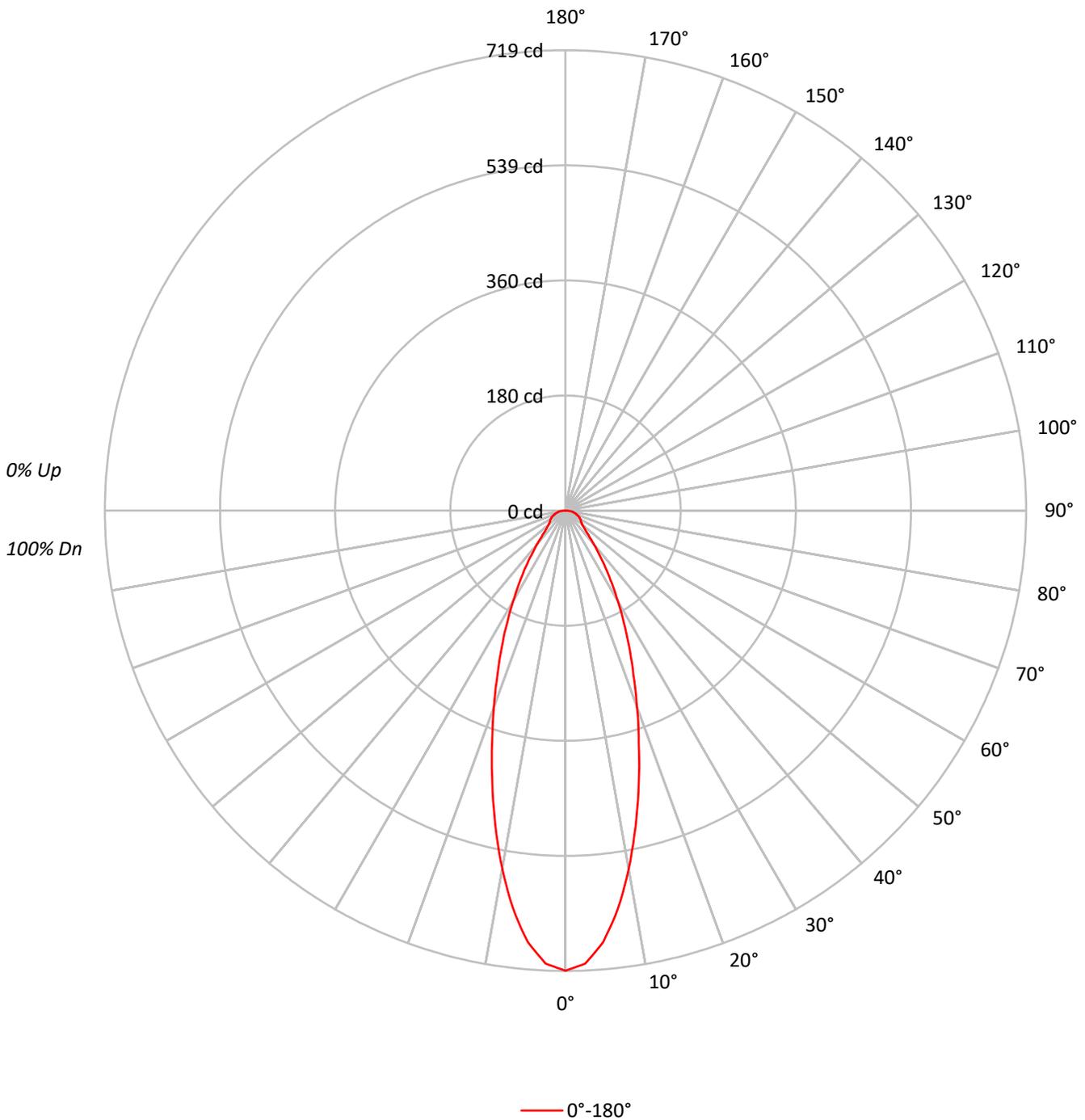
Test Method: LM-79-2019  
Report Number: P1262669  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R259727DE010 E3PHLP1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 469.0 lumens  
Efficiency: N/A  
Efficacy: 32.1 lumens/watt  
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.6  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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

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### Luminous Intensity Polar Plot





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**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	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90	90	90	90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81	81	81	81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74	74	74	74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68	68	68	68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63	63	63	63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59	59	59	59
7	79	69	63	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52	52	52	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49	49	49	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46	46	46	46

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

	0°
0°	157575
5°	148888
10°	126540
15°	100228
20°	76167
25°	56834
30°	41323
35°	29232
40°	19837
45°	13831
50°	11633
55°	11240
60°	11841
65°	12193
70°	12053
75°	12963
80°	14775
85°	14844

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 15792 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	61.1	13.0
10°-20°	122.2	26.1
20°-30°	108.2	23.1
30°-40°	68.9	14.7
40°-50°	36.5	7.8
50°-60°	26.8	5.7
60°-70°	22.8	4.9
70°-80°	16.1	3.4
80°-90°	6.4	1.4
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°	291.5	62.1
0°-40°	360.4	76.8
0°-60°	423.7	90.3
0°-90°	469.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	469.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	719	
5°	676	61
15°	442	122
25°	235	108
35°	109	69
45°	45	36
55°	29	27
65°	24	23
75°	15	16
85°	6	6
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	718.6
2.5°	708.1
5°	676.4
7.5°	627.1
10°	568.3
12.5°	504.9
15°	441.5
17.5°	380.5
20°	326.4
22.5°	277.1
25°	234.9
27.5°	197.3
30°	163.2
32.5°	133.9
35°	109.2
37.5°	86.9
40°	69.3
42.5°	55.2
45°	44.6
47.5°	38.8
50°	34.1
52.5°	31.7
55°	29.4
57.5°	28.2
60°	27.0
62.5°	24.7
65°	23.5
67.5°	21.1
70°	18.8
72.5°	17.6
75°	15.3
77.5°	12.9
80°	11.7
82.5°	9.4
85°	5.9
87.5°	2.3
90°	0.0

(END OF REPORT)