

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: P1251980

Luminaire Tested: P3AS13R309030DE010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

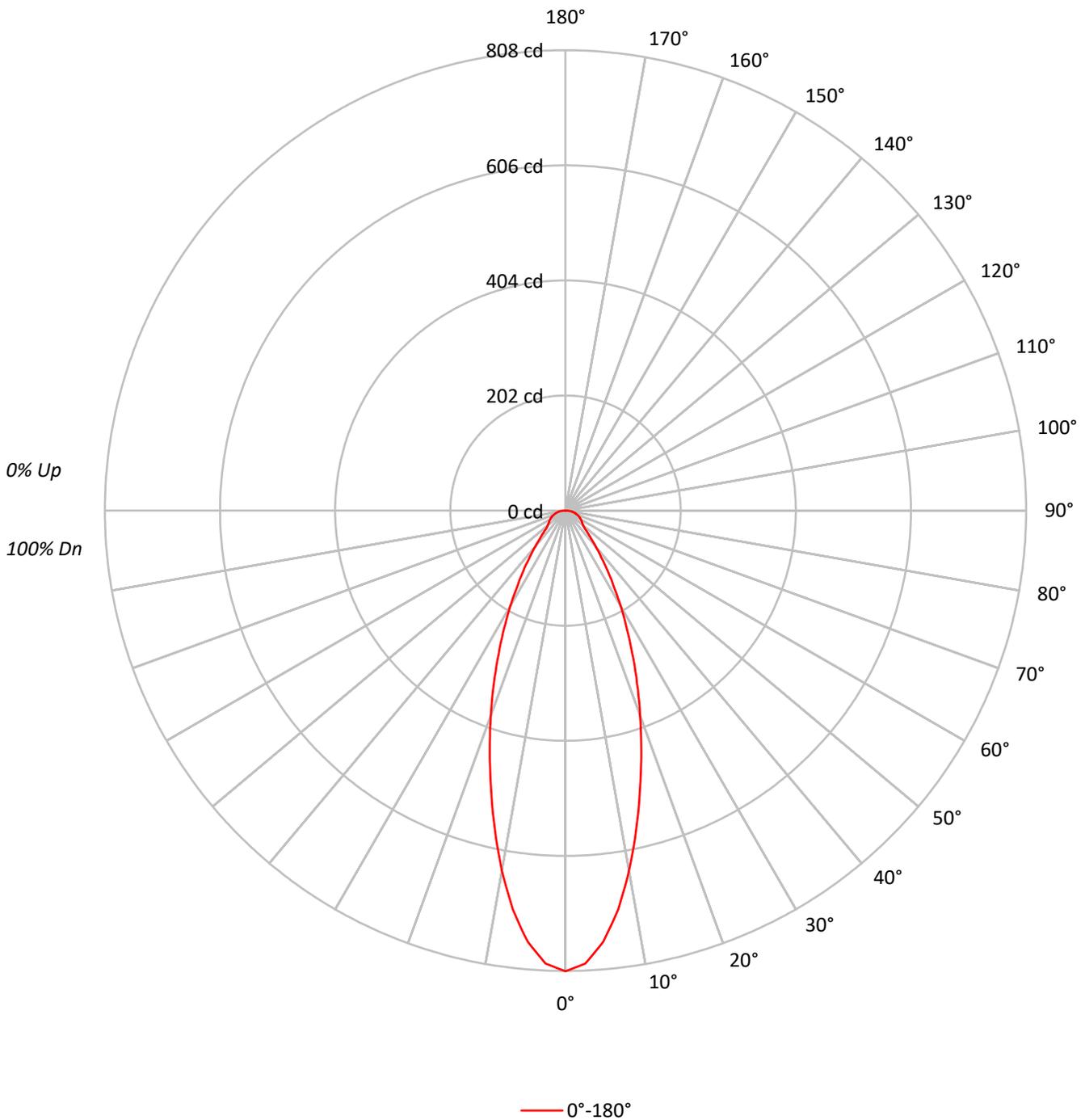
Test Method: LM-79-2019  
Report Number: P1251980  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R309030DE010 E3PHLP1MW  
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 545.9 lumens  
Efficiency: N/A  
Efficacy: 37.4 lumens/watt  
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67  
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
1	112	108	105	102	109	106	103	101	102	100	97	98	96	94	95	93	92	90			90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74			74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68			68
5	88	78	72	67	86	77	71	66	76	70	66	74	69	65	72	68	65	63			63
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59			59
7	79	69	62	58	78	68	62	57	67	61	57	66	60	57	64	60	56	55			55
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51			51
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46			46

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

	0°
0°	177266
5°	167158
10°	142883
15°	114507
20°	89258
25°	67117
30°	48970
35°	34506
40°	23673
45°	16932
50°	13850
55°	13381
60°	13508
65°	13802
70°	14361
75°	15420
80°	15911
85°	17612

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 18816 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	68.7	12.6
10°-20°	140.2	25.7
20°-30°	127.7	23.4
30°-40°	81.3	14.9
40°-50°	43.5	8.0
50°-60°	31.8	5.8
60°-70°	26.7	4.9
70°-80°	18.7	3.4
80°-90°	7.4	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°	336.6	61.7
0°-40°	417.9	76.5
0°-60°	493.2	90.3
0°-90°	545.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	545.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	808	
5°	759	69
15°	504	140
25°	277	128
35°	129	81
45°	55	43
55°	35	32
65°	27	27
75°	18	19
85°	7	7
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	808.4
2.5°	795.8
5°	759.4
7.5°	706.2
10°	641.7
12.5°	573.1
15°	504.4
17.5°	441.4
20°	382.5
22.5°	327.9
25°	277.4
27.5°	232.6
30°	193.4
32.5°	156.9
35°	128.9
37.5°	102.3
40°	82.7
42.5°	65.9
45°	54.6
47.5°	44.8
50°	40.6
52.5°	37.8
55°	35.0
57.5°	33.6
60°	30.8
62.5°	29.4
65°	26.6
67.5°	25.2
70°	22.4
72.5°	19.6
75°	18.2
77.5°	15.4
80°	12.6
82.5°	11.2
85°	7.0
87.5°	2.8
90°	0.0

(END OF REPORT)