

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: P1254248

Luminaire Tested: P3AS09R259035DE010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

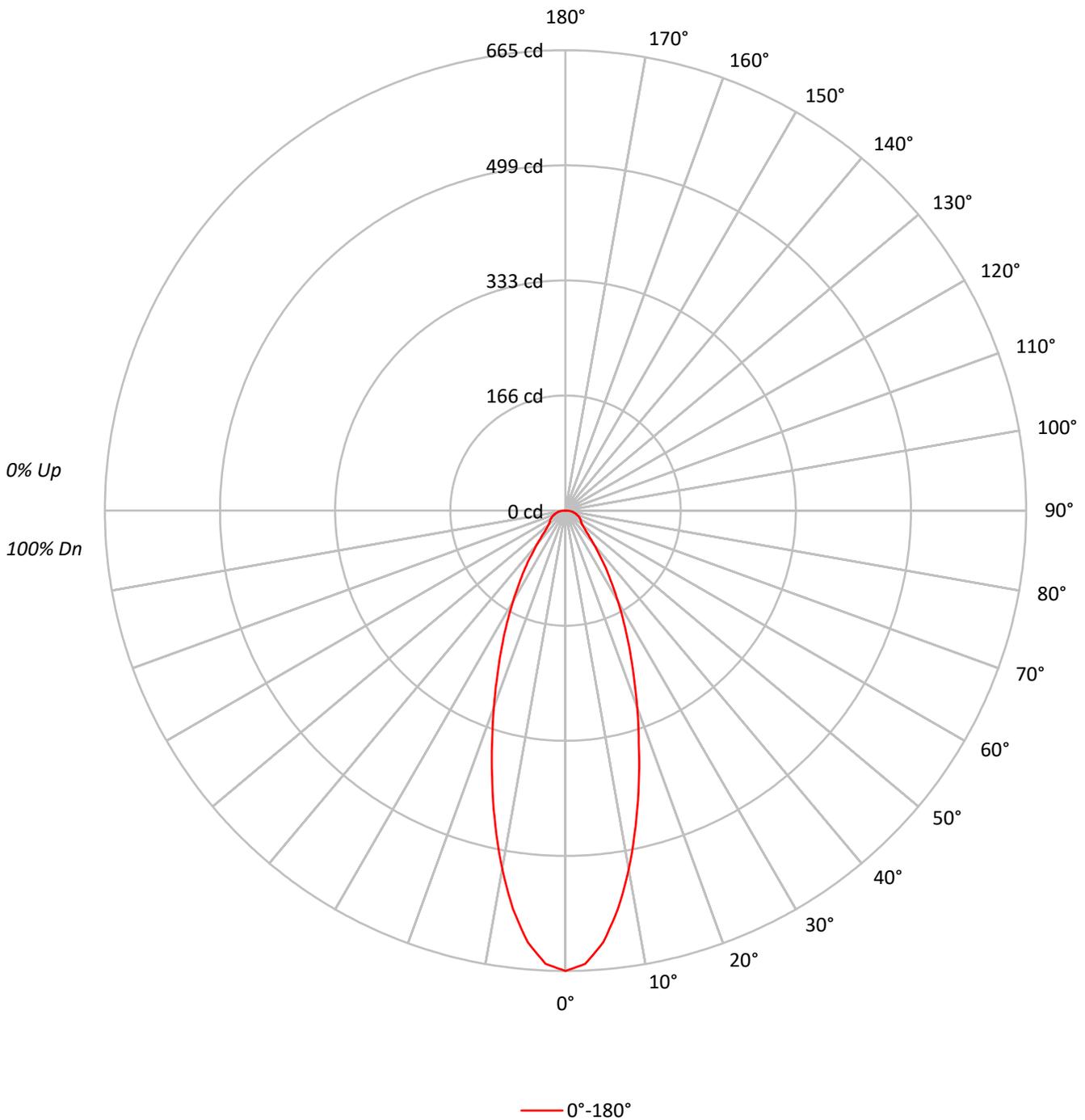
Test Method: LM-79-2019  
Report Number: P1254248  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R259035DE010 E3PHLP1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 434.0 lumens  
Efficiency: N/A  
Efficacy: 39.1 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): 11.1  
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				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	95	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	97	90	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68				68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63				63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	63	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46				46

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

	0°
0°	145822
5°	137772
10°	117099
15°	92759
20°	70496
25°	52576
30°	38234
35°	27064
40°	18349
45°	12808
50°	10746
55°	10399
60°	10964
65°	11259
70°	11156
75°	11946
80°	13764
85°	13586

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 14616 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	56.5	13.0
10°-20°	113.1	26.1
20°-30°	100.1	23.1
30°-40°	63.8	14.7
40°-50°	33.8	7.8
50°-60°	24.8	5.7
60°-70°	21.1	4.9
70°-80°	14.9	3.4
80°-90°	5.9	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°	269.7	62.1
0°-40°	333.5	76.8
0°-60°	392.1	90.3
0°-90°	434.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	434.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	665	
5°	626	56
15°	409	113
25°	217	100
35°	101	64
45°	41	34
55°	27	25
65°	22	21
75°	14	15
85°	5	6
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	665.0
2.5°	655.2
5°	625.9
7.5°	580.3
10°	525.9
12.5°	467.2
15°	408.6
17.5°	352.1
20°	302.1
22.5°	256.4
25°	217.3
27.5°	182.6
30°	151.0
32.5°	123.9
35°	101.1
37.5°	80.4
40°	64.1
42.5°	51.1
45°	41.3
47.5°	35.9
50°	31.5
52.5°	29.3
55°	27.2
57.5°	26.1
60°	25.0
62.5°	22.8
65°	21.7
67.5°	19.6
70°	17.4
72.5°	16.3
75°	14.1
77.5°	12.0
80°	10.9
82.5°	8.7
85°	5.4
87.5°	2.2
90°	0.0

(END OF REPORT)