

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: P1265079

Luminaire Tested: P3A13R309730DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

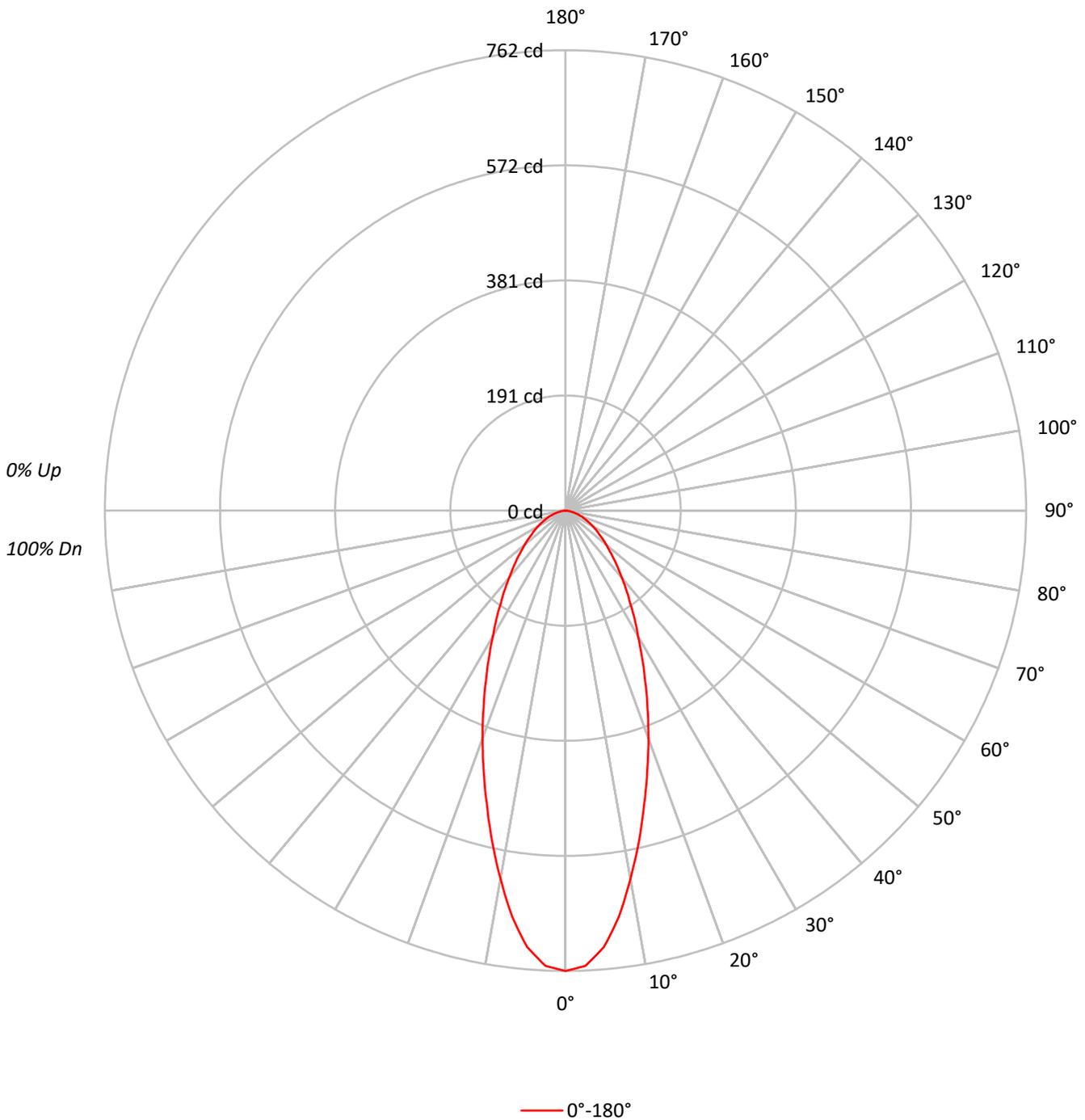
Test Method: LM-79-2019  
Report Number: P1265079  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R309730DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 678.0 lumens  
Efficiency: N/A  
Efficacy: 46.4 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74  
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	100	102	99	97	98	96	94	94	93	91	90	90	90	90
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80	80	80	80
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	76	73	71	71	71	71
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	65	65	65	65
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	59	59	59	59
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	54	54	54	54
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	50	50	50	50
8	71	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	46	46	46	46
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	43	43	43	43
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	40	40	40	40

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

	0°
0°	167070
5°	159674
10°	137740
15°	114166
20°	93598
25°	75440
30°	60794
35°	49818
40°	41392
45°	35104
50°	30020
55°	25958
60°	23156
65°	20236
70°	17759
75°	14911
80°	11113
85°	6290

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 35104 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	65.8	9.7
10°-20°	140.2	20.7
20°-30°	143.7	21.2
30°-40°	117.5	17.3
40°-50°	87.9	13.0
50°-60°	61.7	9.1
60°-70°	38.9	5.7
70°-80°	18.7	2.8
80°-90°	3.6	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°	349.7	51.6
0°-40°	467.2	68.9
0°-60°	616.8	91.0
0°-90°	678.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	678.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	762	
5°	725	66
15°	503	140
25°	312	144
35°	186	118
45°	113	88
55°	68	62
65°	39	39
75°	18	19
85°	2	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	761.9
2.5°	754.4
5°	725.4
7.5°	677.7
10°	618.6
12.5°	560.7
15°	502.9
17.5°	450.1
20°	401.1
22.5°	354.5
25°	311.8
27.5°	274.1
30°	240.1
32.5°	212.5
35°	186.1
37.5°	164.7
40°	144.6
42.5°	128.2
45°	113.2
47.5°	99.3
50°	88.0
52.5°	77.9
55°	67.9
57.5°	60.3
60°	52.8
62.5°	45.3
65°	39.0
67.5°	32.7
70°	27.7
72.5°	22.6
75°	17.6
77.5°	12.6
80°	8.8
82.5°	5.0
85°	2.5
87.5°	1.3
90°	0.0

(END OF REPORT)