

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: P1269336

Luminaire Tested: P3A09R159740DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

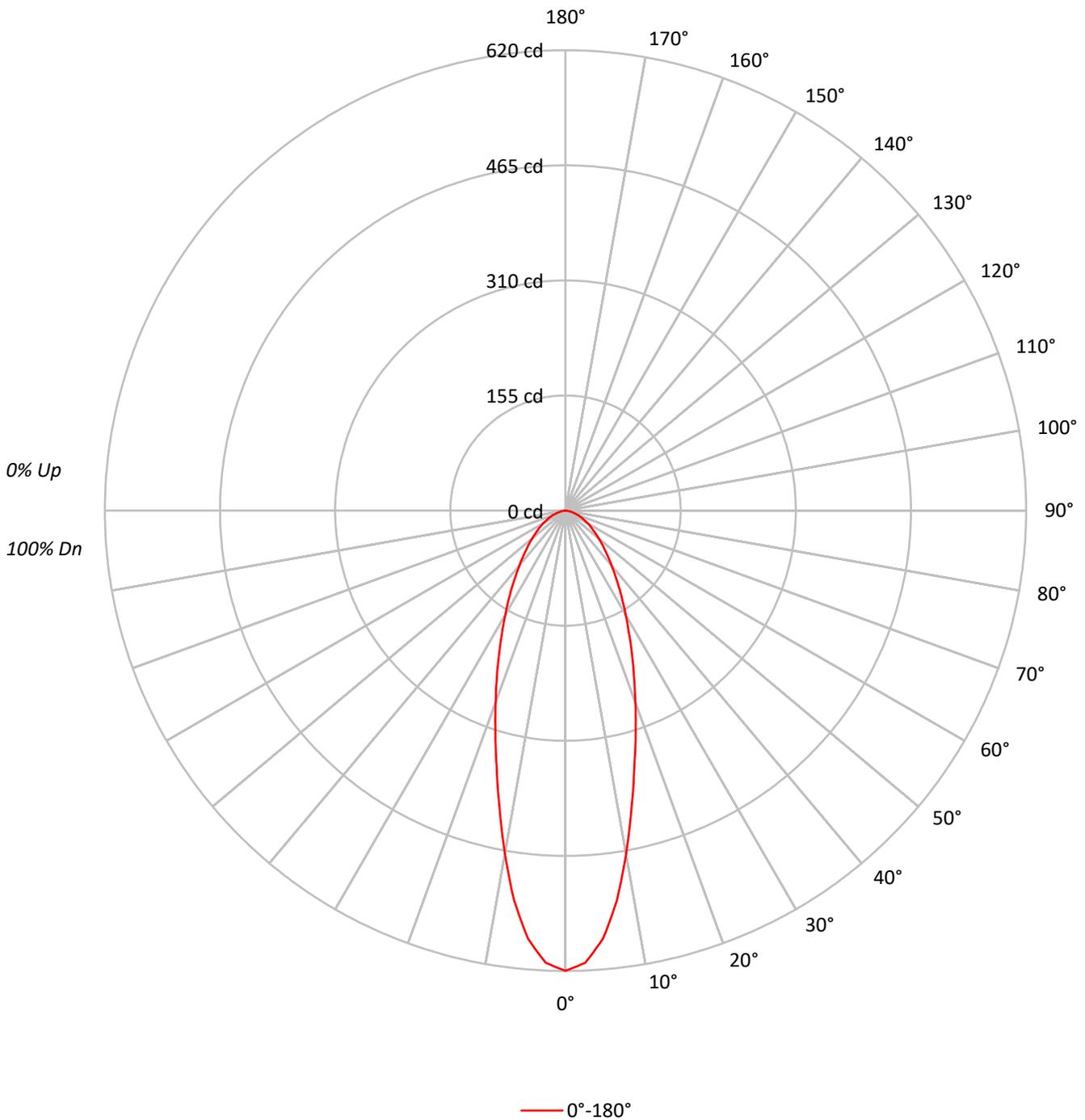
Test Method: LM-79-2019  
Report Number: P1269336  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A09R159740DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 97CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 467.0 lumens  
Efficiency: N/A  
Efficacy: 42.1 lumens/watt  
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.1  
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

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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	102	102	102	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	95	93	92	90
2	104	98	93	89	102	97	92	88	93	89	86	90	87	84	87	85	82	87	85	82	80
3	98	90	84	79	96	88	83	78	85	81	77	83	79	75	81	77	74	81	77	74	72
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	75	71	67	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	70	65	62	60
6	81	71	63	58	79	70	63	58	68	62	58	67	61	57	65	60	57	65	60	57	55
7	77	66	59	54	75	65	58	54	64	58	53	62	57	53	61	56	53	61	56	53	51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	58	53	49	47
9	69	58	51	47	68	57	51	46	56	50	46	55	50	46	54	49	46	54	49	46	44
10	65	54	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	52	47	43	42

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

	0°
0°	135888
5°	127404
10°	104474
15°	81158
20°	64056
25°	51051
30°	40994
35°	33462
40°	27566
45°	23196
50°	19923
55°	17242
60°	15262
65°	13283
70°	11797
75°	9574
80°	7703
85°	5032

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 23196 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	51.7	11.1
10°-20°	100.1	21.4
20°-30°	97.3	20.8
30°-40°	78.7	16.8
40°-50°	58.4	12.5
50°-60°	40.8	8.7
60°-70°	25.6	5.5
70°-80°	12.1	2.6
80°-90°	2.2	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°	249.2	53.4
0°-40°	327.8	70.2
0°-60°	427.1	91.5
0°-90°	467.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	467.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	620	
5°	579	52
15°	358	100
25°	211	97
35°	125	79
45°	75	58
55°	45	41
65°	26	26
75°	11	12
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	619.7
2.5°	609.5
5°	578.8
7.5°	529.6
10°	469.2
12.5°	409.8
15°	357.5
17.5°	313.5
20°	274.5
22.5°	240.7
25°	211.0
27.5°	184.4
30°	161.9
32.5°	142.4
35°	125.0
37.5°	109.6
40°	96.3
42.5°	85.0
45°	74.8
47.5°	66.6
50°	58.4
52.5°	51.2
55°	45.1
57.5°	40.0
60°	34.8
62.5°	29.7
65°	25.6
67.5°	21.5
70°	18.4
72.5°	14.3
75°	11.3
77.5°	8.2
80°	6.1
82.5°	3.1
85°	2.0
87.5°	0.0
90°	0.0

(END OF REPORT)