

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: P1261937

Luminaire Tested: P3AS05R359727DE010 E3DLP1WMH

Issue Date: 1/30/2026

**Test Information**

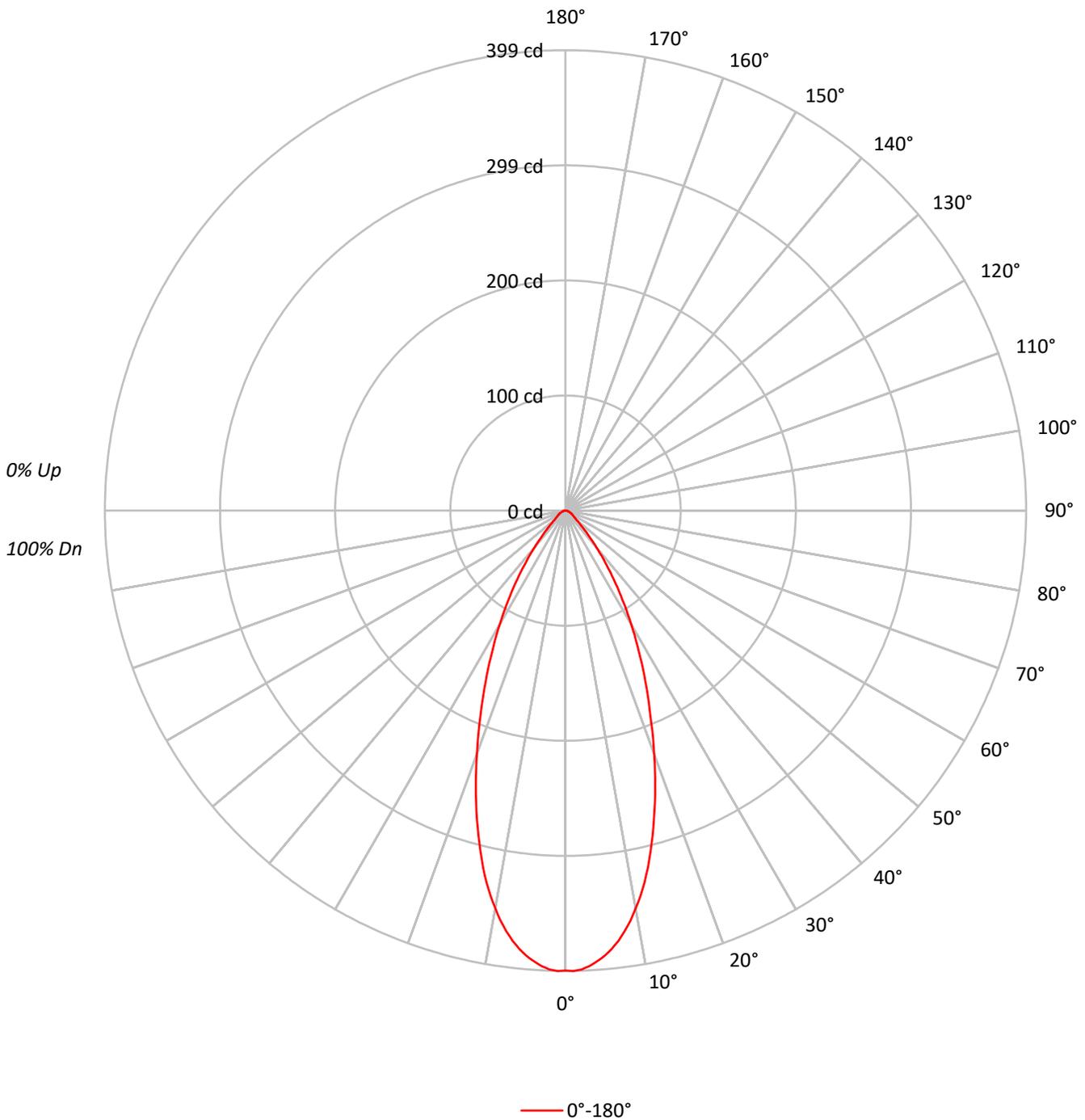
Test Method: LM-79-2019  
Report Number: P1261937  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R359727DE010 E3DLP1WMH  
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3DLP1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 272.0 lumens  
Efficiency: N/A  
Efficacy: 37.8 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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				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	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	93	93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86	86	86	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80	80	80	80
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74	74	74	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69	69	69	69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65	65	65	65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61	61	61	61
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57	57	57	57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	54	54	54	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51	51	51	51

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

	0°
0°	87427
5°	85274
10°	77954
15°	66175
20°	52388
25°	39631
30°	28840
35°	19515
40°	11994
45°	6884
50°	4128
55°	3364
60°	2938
65°	2594
70°	2180
75°	2118
80°	2147
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 6884 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	35.8	13.2
10°-20°	80.4	29.5
20°-30°	75.2	27.6
30°-40°	46.0	16.9
40°-50°	18.1	6.7
50°-60°	8.0	2.9
60°-70°	5.0	1.8
70°-80°	2.7	1.0
80°-90°	0.9	0.3
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°	191.3	70.3
0°-40°	237.4	87.3
0°-60°	263.5	96.9
0°-90°	272.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	272.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	399	
5°	387	36
15°	292	80
25°	164	75
35°	73	46
45°	22	18
55°	9	8
65°	5	5
75°	2	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	398.7
1°	399.1
2°	397.9
3°	395.4
4°	391.6
5°	387.4
6°	382.0
7°	375.7
8°	368.1
9°	359.8
10°	350.1
11°	340.1
12°	329.2
13°	317.5
14°	304.5
15°	291.5
17.5°	258.0
20°	224.5
22.5°	192.2
25°	163.8
27.5°	137.4
30°	113.9
32.5°	92.1
35°	72.9
37.5°	55.7
40°	41.9
42.5°	30.2
45°	22.2
47.5°	15.9
50°	12.1
52.5°	10.1
55°	8.8
57.5°	7.5
60°	6.7
62.5°	5.9
65°	5.0
67.5°	4.2
70°	3.4
72.5°	2.9
75°	2.5
77.5°	2.1
80°	1.7
82.5°	1.3
85°	0.8
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)