

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: P1267657

Luminaire Tested: P3A13R659735DE010 E3DLP1WMH

Issue Date: 1/30/2026

**Test Information**

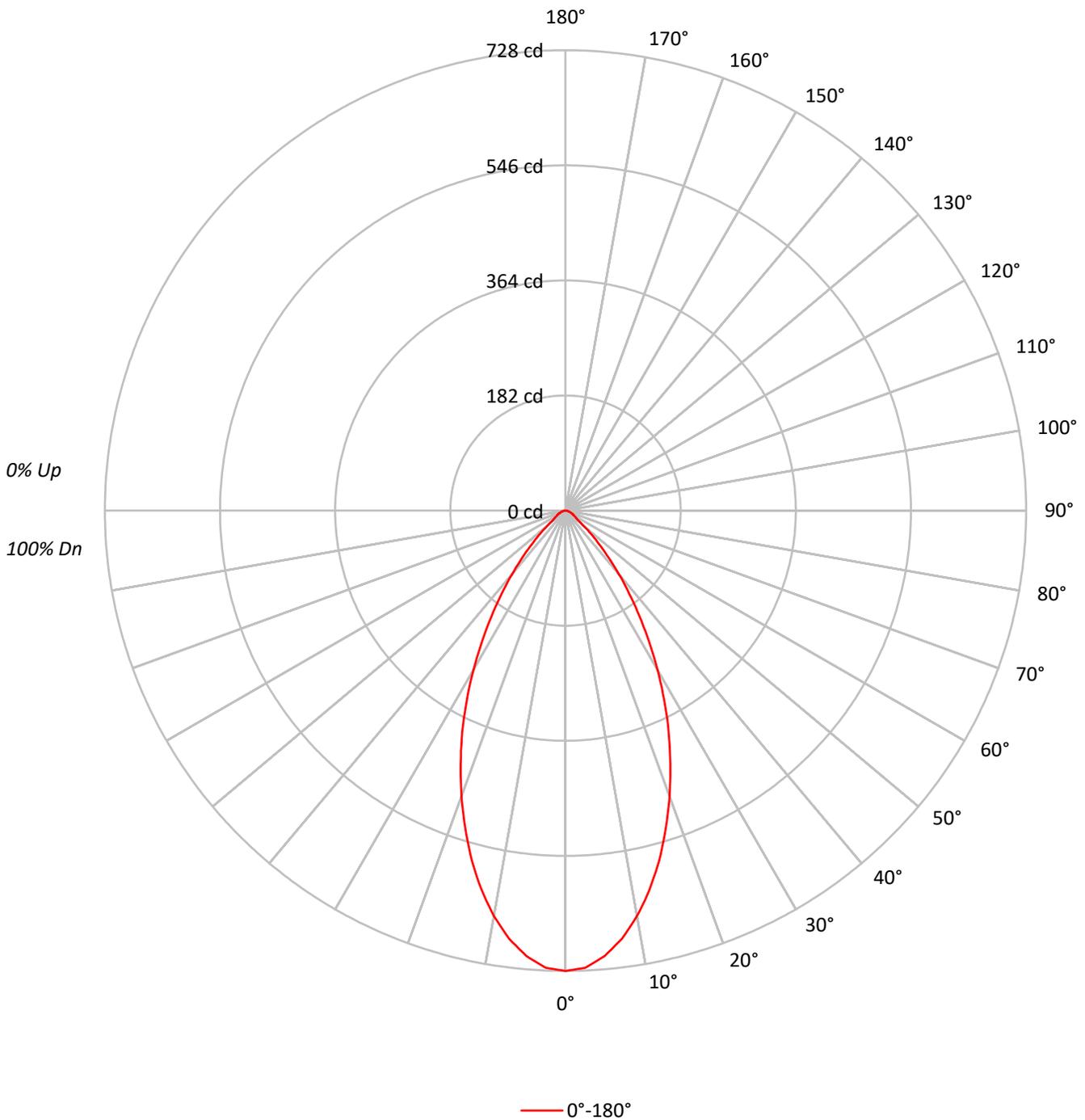
Test Method: LM-79-2019  
Report Number: P1267657  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R659735DE010 E3DLP1WMH  
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 97CRI , E3DLP1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 628.0 lumens  
Efficiency: N/A  
Efficacy: 43.0 lumens/watt  
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83  
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				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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92				92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85				85
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78				78
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62				62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57				57
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54				54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50				50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47				47

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

	0°
0°	159636
5°	155646
10°	144954
15°	129899
20°	112196
25°	93320
30°	73581
35°	54529
40°	37585
45°	23289
50°	12656
55°	7952
60°	6754
65°	6123
70°	5193
75°	4575
80°	4546
85°	4529

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 23289 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	65.7	10.5
10°-20°	159.0	25.3
20°-30°	175.8	28.0
30°-40°	127.7	20.3
40°-50°	59.8	9.5
50°-60°	20.1	3.2
60°-70°	11.7	1.9
70°-80°	6.1	1.0
80°-90°	2.0	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°	400.6	63.8
0°-40°	528.3	84.1
0°-60°	608.3	96.9
0°-90°	628.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	628.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	728	
5°	707	66
15°	572	159
25°	386	176
35°	204	128
45°	75	60
55°	21	20
65°	12	12
75°	5	6
85°	2	2
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	728.0
2.5°	723.4
5°	707.1
7.5°	682.7
10°	651.0
12.5°	613.9
15°	572.2
17.5°	527.0
20°	480.8
22.5°	432.8
25°	385.7
27.5°	337.7
30°	290.6
32.5°	245.4
35°	203.7
37.5°	165.7
40°	131.3
42.5°	100.5
45°	75.1
47.5°	54.3
50°	37.1
52.5°	25.4
55°	20.8
57.5°	18.1
60°	15.4
62.5°	13.6
65°	11.8
67.5°	10.0
70°	8.1
72.5°	7.2
75°	5.4
77.5°	4.5
80°	3.6
82.5°	2.7
85°	1.8
87.5°	0.9
90°	0.0

(END OF REPORT)