

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: P1251937

Luminaire Tested: P3AS13R259030DE010 E3DLD1MW

Issue Date: 1/30/2026

**Test Information**

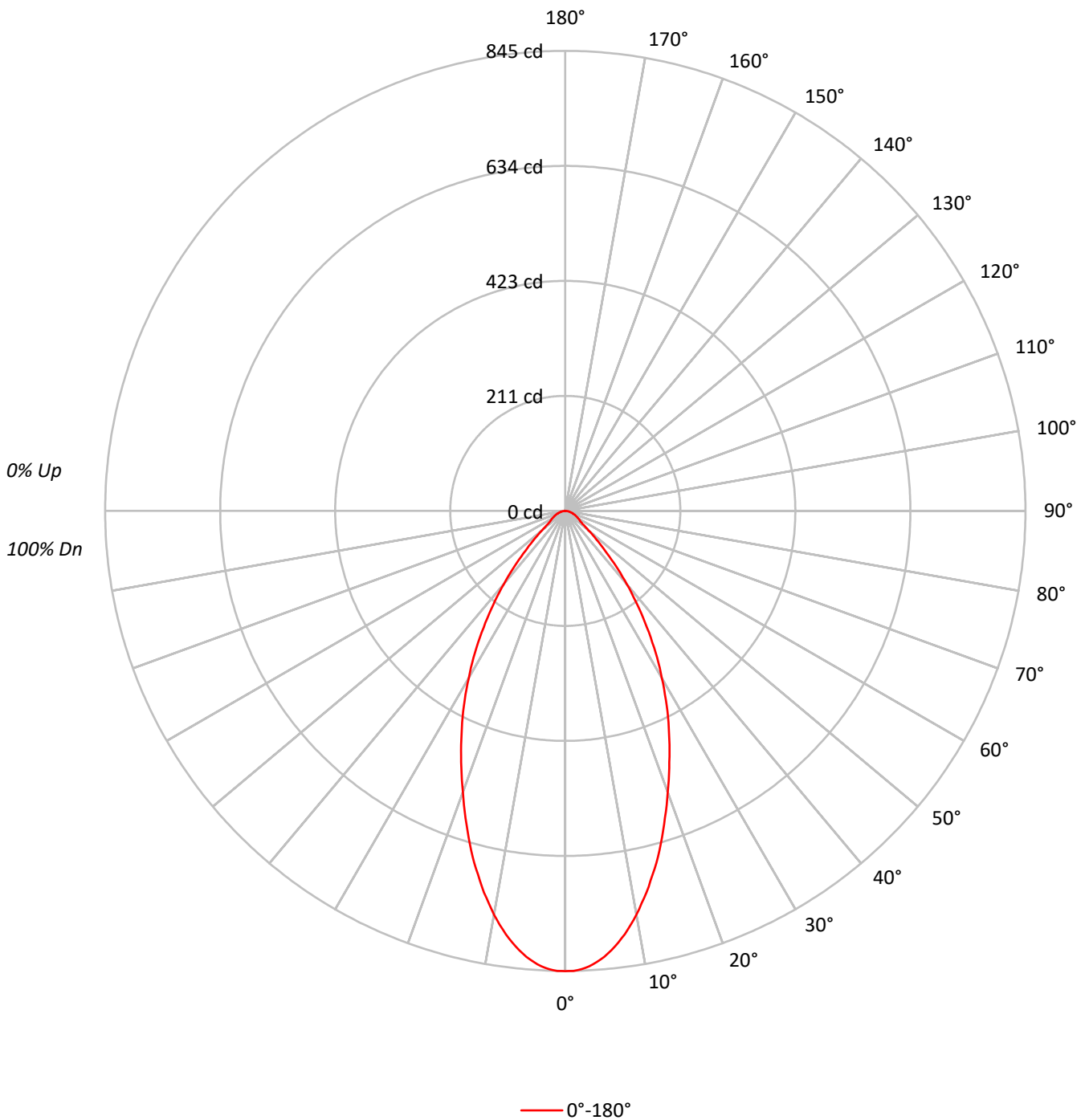
Test Method: LM-79-2019  
Report Number: P1251937  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R259030DE010 E3DLD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 780.0 lumens  
Efficiency: N/A  
Efficacy: 53.4 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.6  
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
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70				70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59				59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51				51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48				48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45				45

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

	0°
0°	185380
5°	180959
10°	167688
15°	149354
20°	128344
25°	109095
30°	89811
35°	69975
40°	50351
45°	31941
50°	18899
55°	12998
60°	11929
65°	11104
70°	9938
75°	9065
80°	8587
85°	7296

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 31941 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	76.2	9.8
10°-20°	182.6	23.4
20°-30°	206.4	26.5
30°-40°	163.2	20.9
40°-50°	82.5	10.6
50°-60°	33.0	4.2
60°-70°	21.2	2.7
70°-80°	11.6	1.5
80°-90°	3.3	0.4
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°	465.2	59.6
0°-40°	628.5	80.6
0°-60°	743.9	95.4
0°-90°	780.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	780.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	845	
5°	822	76
15°	658	183
25°	451	206
35°	261	163
45°	103	82
55°	34	33
65°	21	21
75°	11	12
85°	3	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	845.4
1°	845.4
2°	842.5
3°	837.6
4°	830.8
5°	822.1
6°	811.4
7°	798.8
8°	785.1
9°	769.6
10°	753.1
11°	734.6
12°	717.1
13°	696.7
14°	677.3
15°	657.9
17.5°	603.4
20°	550.0
22.5°	499.5
25°	450.9
27.5°	403.3
30°	354.7
32.5°	309.0
35°	261.4
37.5°	217.7
40°	175.9
42.5°	137.0
45°	103.0
47.5°	76.8
50°	55.4
52.5°	41.8
55°	34.0
57.5°	31.1
60°	27.2
62.5°	24.3
65°	21.4
67.5°	18.5
70°	15.5
72.5°	13.6
75°	10.7
77.5°	8.7
80°	6.8
82.5°	4.9
85°	2.9
87.5°	1.0



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)