

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: P1260786

Luminaire Tested: P3AS20R459050D010 E3DLD1MW

Issue Date: 1/30/2026

**Test Information**

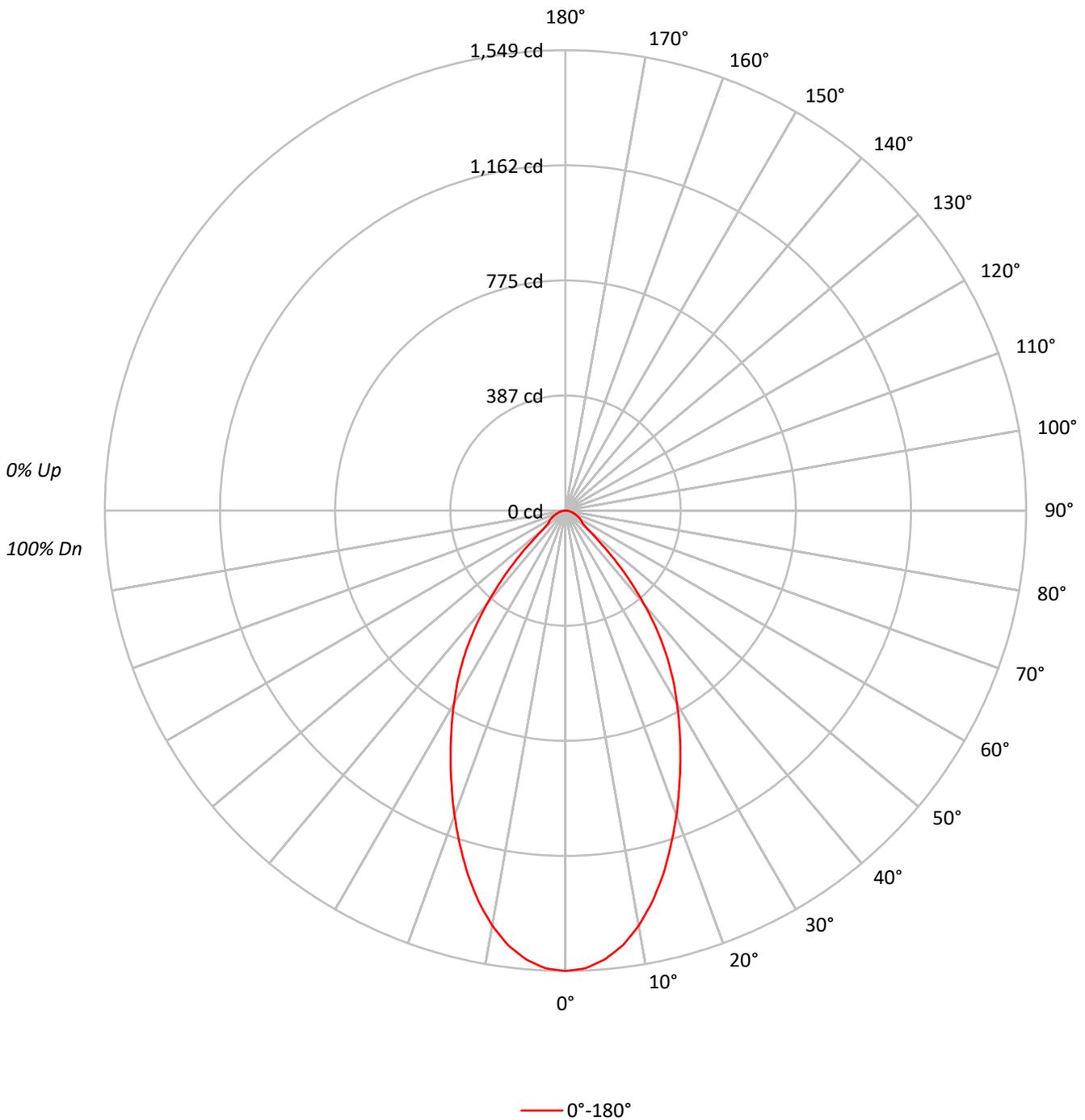
Test Method: LM-79-2019  
Report Number: P1260786  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R459050D010 E3DLD1MW  
Description: 3in Adjustable LED luminaire with, R45 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1602.0 lumens  
Efficiency: N/A  
Efficacy: 55.6 lumens/watt  
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 28.8  
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	100	100	100	100
1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91	91	91	91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83	83	83	83
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75	75	75	75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69	69	69	69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63	63	63	63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58	58	58	58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54	54	54	54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50	50	50	50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47	47	47	47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44	44	44	44

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

	0°
0°	339666
5°	333633
10°	315714
15°	287924
20°	254612
25°	221118
30°	189801
35°	158153
40°	117849
45°	72132
50°	33364
55°	26111
60°	25086
65°	22986
70°	21286
75°	20334
80°	18689
85°	13838

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 72132 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	141.6	8.8
10°-20°	353.1	22.0
20°-30°	419.6	26.2
30°-40°	364.5	22.8
40°-50°	182.8	11.4
50°-60°	63.5	4.0
60°-70°	44.5	2.8
70°-80°	24.8	1.6
80°-90°	7.5	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°	914.3	57.1
0°-40°	1278.8	79.8
0°-60°	1525.1	95.2
0°-90°	1602.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1602.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1549	
5°	1516	142
15°	1268	353
25°	914	420
35°	591	365
45°	233	183
55°	68	63
65°	44	45
75°	24	25
85°	6	8
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1549.0
2.5°	1541.6
5°	1515.7
7.5°	1475.1
10°	1417.9
12.5°	1347.7
15°	1268.3
17.5°	1179.7
20°	1091.1
22.5°	1000.6
25°	913.9
27.5°	830.8
30°	749.6
32.5°	672.0
35°	590.8
37.5°	504.0
40°	411.7
42.5°	321.2
45°	232.6
47.5°	153.2
50°	97.8
52.5°	75.7
55°	68.3
57.5°	62.8
60°	57.2
62.5°	51.7
65°	44.3
67.5°	38.8
70°	33.2
72.5°	27.7
75°	24.0
77.5°	18.5
80°	14.8
82.5°	11.1
85°	5.5
87.5°	3.7
90°	0.0

(END OF REPORT)