

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: P1273275

Luminaire Tested: P3A05R209830DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

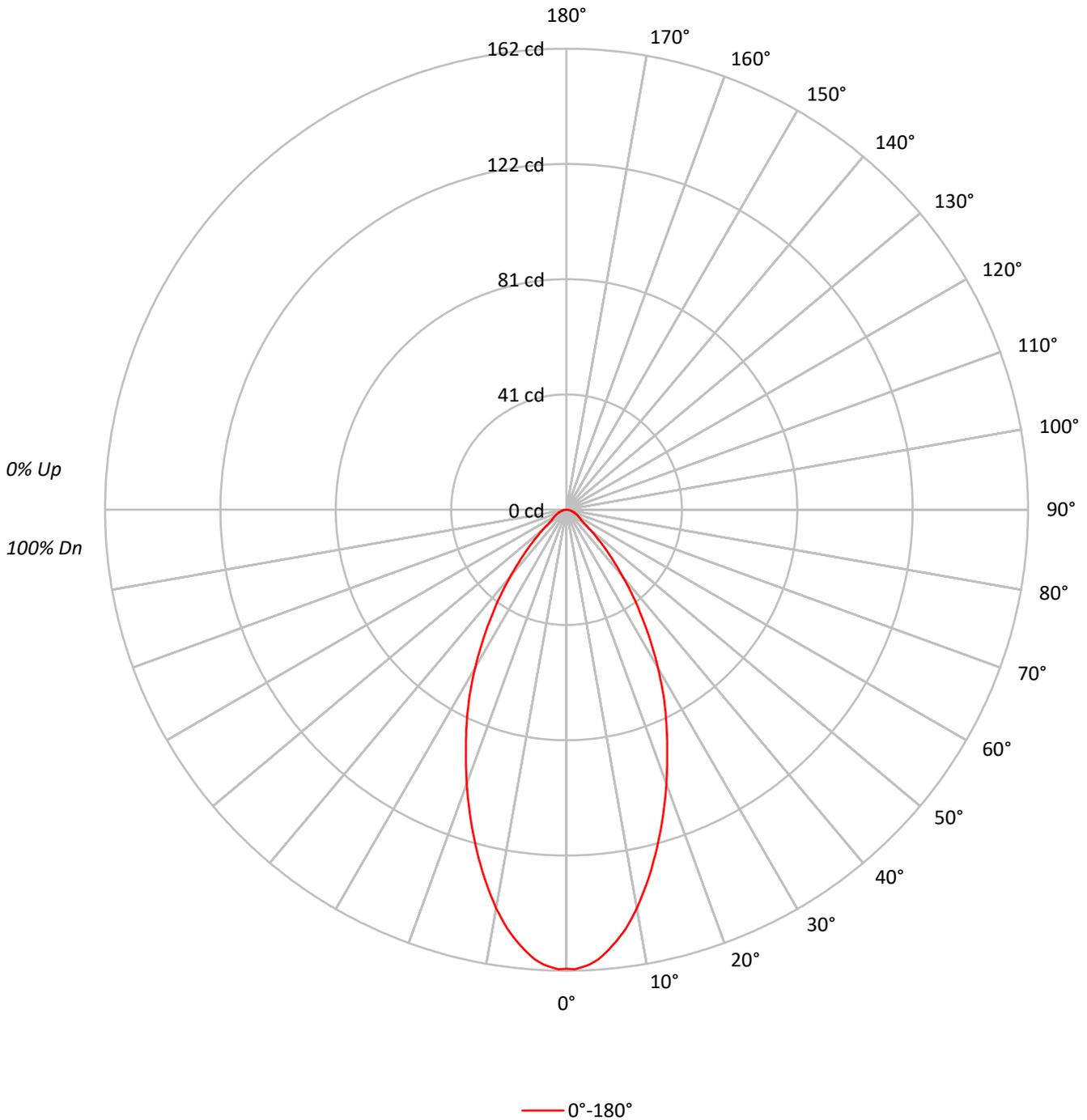
Test Method: LM-79-2019  
Report Number: P1273275  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R209830DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 143.0 lumens  
Efficiency: N/A  
Efficacy: 19.9 lumens/watt  
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83  
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
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91				91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83				83
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76				76
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70				70
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65				65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60				60
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55				55
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52				52
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48				48
10	68	58	51	47	67	57	51	47	56	51	47	56	51	47	55	50	47	45				45

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

	0°
0°	35370
5°	34427
10°	31663
15°	27878
20°	23919
25°	20082
30°	16230
35°	12341
40°	8788
45°	5799
50°	3582
55°	2370
60°	2149
65°	1972
70°	1859
75°	1694
80°	1642
85°	1258

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 5799 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	14.5	10.1
10°-20°	34.2	23.9
20°-30°	37.9	26.5
30°-40°	28.9	20.2
40°-50°	14.8	10.4
50°-60°	6.1	4.3
60°-70°	3.8	2.7
70°-80°	2.1	1.5
80°-90°	0.6	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°	86.6	60.6
0°-40°	115.5	80.8
0°-60°	136.4	95.4
0°-90°	143.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	143.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	161	
5°	156	14
15°	123	34
25°	83	38
35°	46	29
45°	19	15
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	161.3
1°	161.5
2°	160.8
3°	159.9
4°	158.4
5°	156.4
6°	154.0
7°	151.5
8°	148.8
9°	145.5
10°	142.2
12.5°	132.8
15°	122.8
17.5°	112.6
20°	102.5
22.5°	92.3
25°	83.0
27.5°	73.7
30°	64.1
32.5°	55.0
35°	46.1
37.5°	38.3
40°	30.7
42.5°	24.2
45°	18.7
47.5°	14.2
50°	10.5
52.5°	7.8
55°	6.2
57.5°	5.6
60°	4.9
62.5°	4.4
65°	3.8
67.5°	3.3
70°	2.9
72.5°	2.4
75°	2.0
77.5°	1.6
80°	1.3
82.5°	0.9
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)