

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: P1271465

Luminaire Tested: P3AS05R659827DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

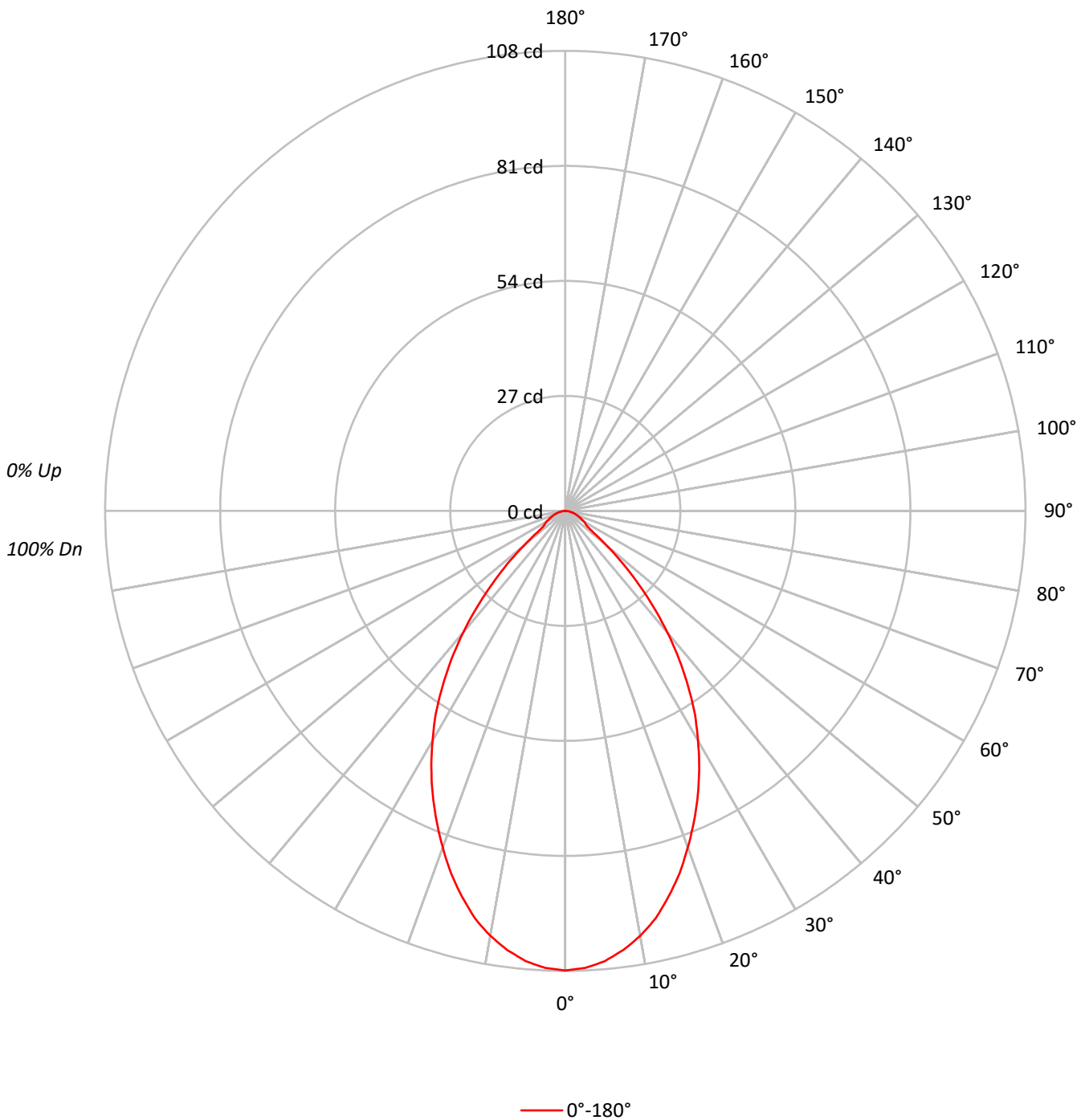
Test Method: LM-79-2019  
Report Number: P1271465  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R659827DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 98CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 133.0 lumens  
Efficiency: N/A  
Efficacy: 18.5 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1  
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	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91				91
2	105	99	94	90	103	98	93	89	94	90	87	91	88	85	88	86	84	82				82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74				74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67				67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61				61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56				56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51				51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47				47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44				44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41				41

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

	0°
0°	23660
5°	23355
10°	22556
15°	21271
20°	19625
25°	17807
30°	15775
35°	13438
40°	10677
45°	7536
50°	4367
55°	2370
60°	2237
65°	2024
70°	1859
75°	1694
80°	1515
85°	1258

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 7536 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	10.0	7.5
10°-20°	26.2	19.7
20°-30°	33.7	25.3
30°-40°	31.2	23.5
40°-50°	18.8	14.1
50°-60°	6.4	4.8
60°-70°	3.9	2.9
70°-80°	2.2	1.6
80°-90°	0.6	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°	69.9	52.6
0°-40°	101.1	76.0
0°-60°	126.3	95.0
0°-90°	133.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	133.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	108	
5°	106	10
15°	94	26
25°	74	34
35°	50	31
45°	24	19
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	107.9
2.5°	107.4
5°	106.1
7.5°	104.0
10°	101.3
12.5°	98.0
15°	93.7
17.5°	89.2
20°	84.1
22.5°	78.9
25°	73.6
27.5°	68.1
30°	62.3
32.5°	56.6
35°	50.2
37.5°	43.9
40°	37.3
42.5°	30.7
45°	24.3
47.5°	18.4
50°	12.8
52.5°	8.1
55°	6.2
57.5°	5.6
60°	5.1
62.5°	4.4
65°	3.9
67.5°	3.4
70°	2.9
72.5°	2.5
75°	2.0
77.5°	1.7
80°	1.2
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)