

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: P1286236

Luminaire Tested: P3AS02R559030D2WDE010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

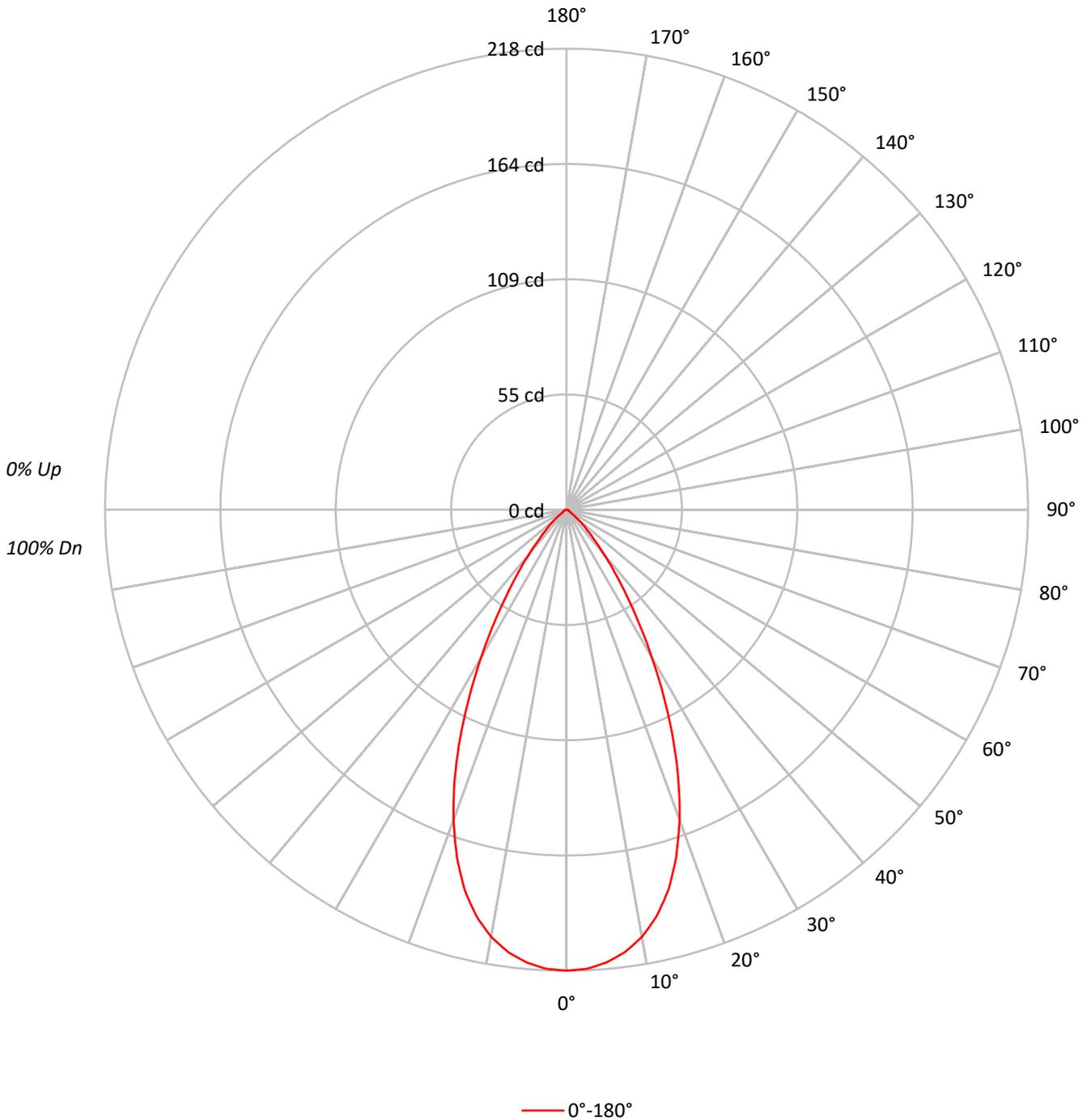
Test Method: LM-79-2019  
Report Number: P1286236  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R559030D2WDE010 E3DL1GPH  
Description: 3in Adjustable Dim to Warm LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,  
E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 174.0 lumens  
Efficiency: N/A  
Efficacy: 24.2 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81  
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	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93				93
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87				87
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	85	82	81				81
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	82	79	77	75				75
5	92	84	78	74	91	83	78	74	81	77	73	80	75	72	78	74	72	70				70
6	88	79	73	69	86	78	73	68	77	72	68	75	71	68	74	70	67	66				66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62				62
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58				58
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55				55
10	73	63	57	53	72	62	57	53	62	57	53	61	56	53	60	56	53	52				52

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

	0°
0°	47781
5°	47303
10°	45668
15°	42225
20°	36427
25°	28768
30°	20408
35°	13170
40°	7901
45°	4466
50°	2388
55°	841
60°	789
65°	726
70°	705
75°	678
80°	631
85°	503

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 4466 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	20.2	11.6
10°-20°	51.4	29.5
20°-30°	53.9	31.0
30°-40°	31.5	18.1
40°-50°	11.8	6.8
50°-60°	2.8	1.6
60°-70°	1.4	0.8
70°-80°	0.8	0.5
80°-90°	0.3	0.1
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°	125.5	72.1
0°-40°	157.0	90.2
0°-60°	171.5	98.5
0°-90°	174.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	174.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	218	
5°	215	20
15°	186	51
25°	119	54
35°	49	31
45°	14	12
55°	2	3
65°	1	1
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	217.9
2.5°	217.3
5°	214.9
7.5°	211.0
10°	205.1
12.5°	196.8
15°	186.0
17.5°	172.2
20°	156.1
22.5°	138.1
25°	118.9
27.5°	99.3
30°	80.6
32.5°	63.7
35°	49.2
37.5°	37.4
40°	27.6
42.5°	19.8
45°	14.4
47.5°	10.4
50°	7.0
52.5°	4.0
55°	2.2
57.5°	1.9
60°	1.8
62.5°	1.6
65°	1.4
67.5°	1.3
70°	1.1
72.5°	1.0
75°	0.8
77.5°	0.6
80°	0.5
82.5°	0.3
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)