

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: P1287075

Luminaire Tested: P3AS13R209030D2WDE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

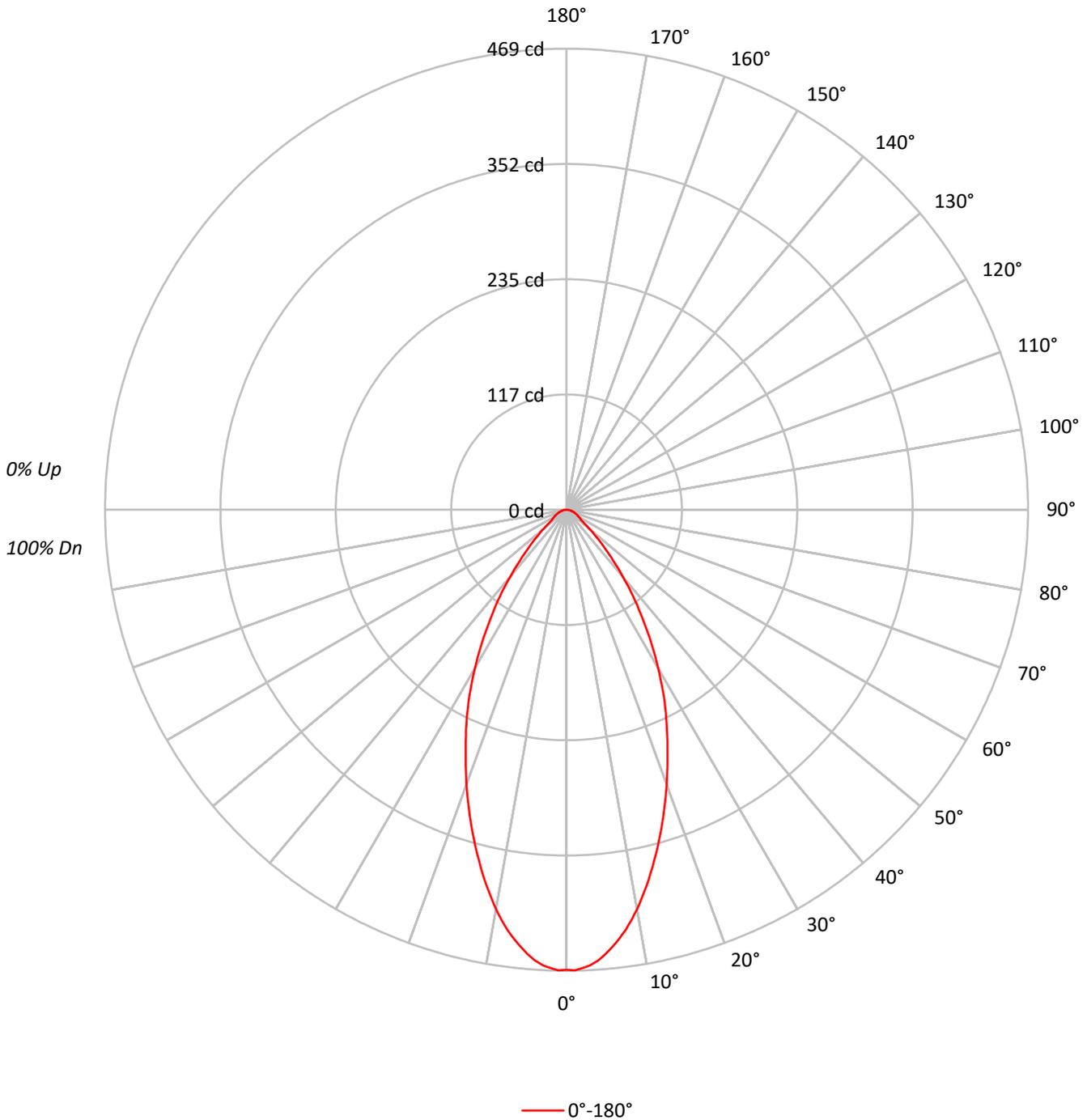
Test Method: LM-79-2019  
Report Number: P1287075  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R209030D2WDE010 E3DLD1GPH  
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,  
E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 415.0 lumens  
Efficiency: N/A  
Efficacy: 20.6 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): 20.1  
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°	102645
5°	99912
10°	91915
15°	80909
20°	69376
25°	58286
30°	47121
35°	35844
40°	25505
45°	16839
50°	10439
55°	6843
60°	6228
65°	5759
70°	5386
75°	4914
80°	4672
85°	4026

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 16839 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	42.0	10.1
10°-20°	99.2	23.9
20°-30°	110.1	26.5
30°-40°	84.0	20.2
40°-50°	43.0	10.4
50°-60°	17.7	4.3
60°-70°	11.0	2.7
70°-80°	6.2	1.5
80°-90°	1.8	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°	251.3	60.6
0°-40°	335.3	80.8
0°-60°	396.0	95.4
0°-90°	415.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	415.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	468	
5°	454	42
15°	356	99
25°	241	110
35°	134	84
45°	54	43
55°	18	18
65°	11	11
75°	6	6
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	468.1
1°	468.7
2°	466.5
3°	463.9
4°	459.7
5°	453.9
6°	447.0
7°	439.7
8°	431.7
9°	422.3
10°	412.8
12.5°	385.4
15°	356.4
17.5°	326.8
20°	297.3
22.5°	267.8
25°	240.9
27.5°	214.0
30°	186.1
32.5°	159.7
35°	133.9
37.5°	111.2
40°	89.1
42.5°	70.1
45°	54.3
47.5°	41.1
50°	30.6
52.5°	22.7
55°	17.9
57.5°	16.3
60°	14.2
62.5°	12.7
65°	11.1
67.5°	9.5
70°	8.4
72.5°	6.9
75°	5.8
77.5°	4.7
80°	3.7
82.5°	2.6
85°	1.6
87.5°	0.5
90°	0.0

(END OF REPORT)