

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: P1265817

Luminaire Tested: P3A20R359730D010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

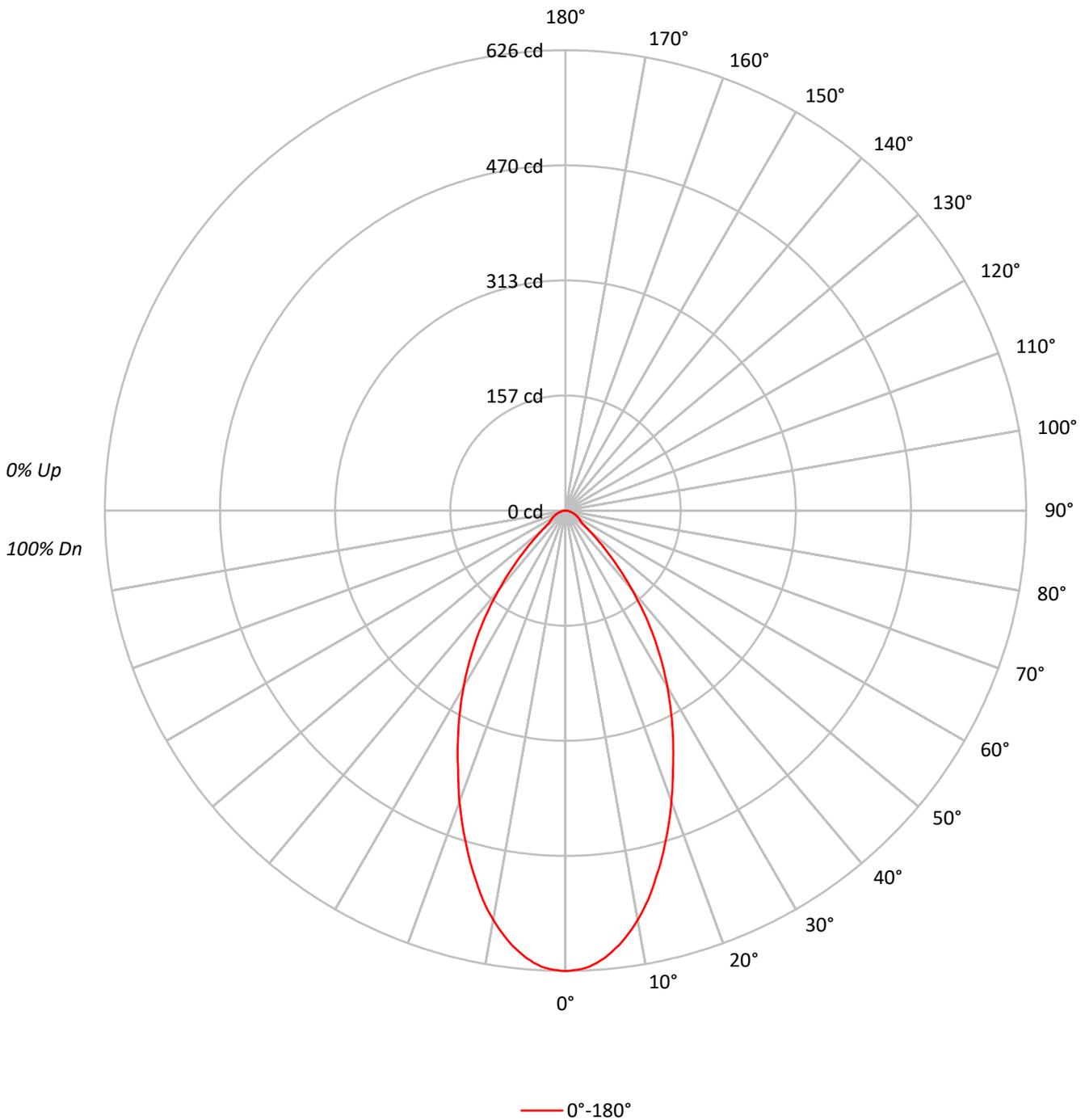
Test Method: LM-79-2019  
Report Number: P1265817  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A20R359730D010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 601.0 lumens  
Efficiency: N/A  
Efficacy: 20.9 lumens/watt  
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87  
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

TEST NUMBER: P1265817  
CATALOG NUMBER: P3A20R359730D010 E3DLD1GPH

### 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
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45			45

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

	0°
0°	137292
5°	134382
10°	125849
15°	112963
20°	98265
25°	83739
30°	70137
35°	55867
40°	40390
45°	25553
50°	13919
55°	9672
60°	9122
65°	8457
70°	8078
75°	6947
80°	6566
85°	5535

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 25553 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	56.8	9.5
10°-20°	138.5	23.0
20°-30°	158.7	26.4
30°-40°	129.5	21.5
40°-50°	65.3	10.9
50°-60°	24.3	4.0
60°-70°	16.2	2.7
70°-80°	9.0	1.5
80°-90°	2.7	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°	354.0	58.9
0°-40°	483.5	80.4
0°-60°	573.0	95.3
0°-90°	601.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	601.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	626	
5°	610	57
15°	498	138
25°	346	159
35°	209	129
45°	82	65
55°	25	24
65°	16	16
75°	8	9
85°	2	3
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	626.1
1°	625.3
2°	623.8
3°	620.9
4°	616.4
5°	610.5
6°	603.1
7°	595.6
8°	586.0
9°	576.3
10°	565.2
11°	553.3
12°	540.7
13°	526.6
14°	511.7
15°	497.6
17.5°	459.7
20°	421.1
22.5°	381.7
25°	346.1
27.5°	311.2
30°	277.0
32.5°	242.9
35°	208.7
37.5°	174.5
40°	141.1
42.5°	109.9
45°	82.4
47.5°	59.4
50°	40.8
52.5°	29.7
55°	25.3
57.5°	23.0
60°	20.8
62.5°	18.6
65°	16.3
67.5°	14.1
70°	12.6
72.5°	10.4
75°	8.2
77.5°	6.7
80°	5.2
82.5°	3.7
85°	2.2
87.5°	1.5



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)