

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: P1255566

Luminaire Tested: P3AS20R609035D010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

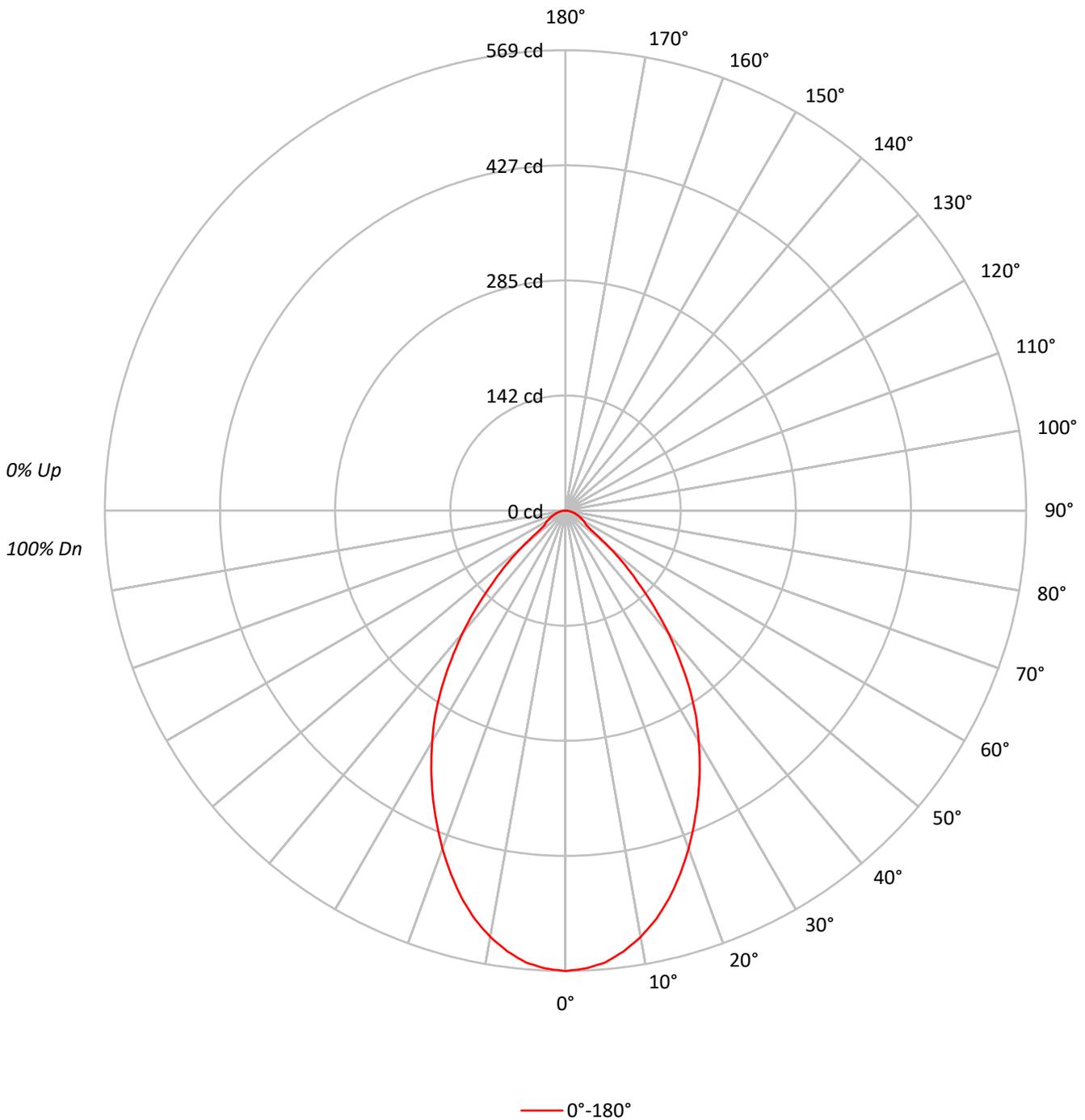
Test Method: LM-79-2019  
Report Number: P1255566  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R609035D010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 703.0 lumens  
Efficiency: N/A  
Efficacy: 24.4 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): 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: P1255566  
CATALOG NUMBER: P3AS20R609035D010 E3DLD1GPH

### Luminous Intensity Polar Plot





TEST NUMBER: P1255566  
 CATALOG NUMBER: P3AS20R609035D010 E3DLD1GPH

**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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91		
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82		
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74		
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67		
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61		
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56		
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51		
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47		
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44		
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41		

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

	0°
0°	124793
5°	123398
10°	119125
15°	112532
20°	103726
25°	93925
30°	83380
35°	71260
40°	56649
45°	39942
50°	23880
55°	12081
60°	11578
65°	10637
70°	9873
75°	9404
80°	8587
85°	6542

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 39942 cd/sqm



TEST NUMBER: P1255566  
 CATALOG NUMBER: P3AS20R609035D010 E3DLD1GPH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	52.7	7.5
10°-20°	138.5	19.7
20°-30°	177.9	25.3
30°-40°	164.9	23.5
40°-50°	100.4	14.3
50°-60°	33.5	4.8
60°-70°	20.4	2.9
70°-80°	11.5	1.6
80°-90°	3.3	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°	369.1	52.5
0°-40°	534.0	76.0
0°-60°	667.9	95.0
0°-90°	703.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	703.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	569	
5°	561	53
15°	496	139
25°	388	178
35°	266	165
45°	129	100
55°	32	33
65°	20	20
75°	11	11
85°	3	3
90°	0	



TEST NUMBER: P1255566  
CATALOG NUMBER: P3AS20R609035D010 E3DLD1GPH

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	569.1
2.5°	566.5
5°	560.6
7.5°	549.5
10°	535.0
12.5°	517.1
15°	495.7
17.5°	471.0
20°	444.5
22.5°	416.4
25°	388.2
27.5°	359.2
30°	329.3
32.5°	299.5
35°	266.2
37.5°	231.2
40°	197.9
42.5°	163.0
45°	128.8
47.5°	99.8
50°	70.0
52.5°	41.8
55°	31.6
57.5°	29.0
60°	26.4
62.5°	23.0
65°	20.5
67.5°	17.9
70°	15.4
72.5°	12.8
75°	11.1
77.5°	8.5
80°	6.8
82.5°	4.3
85°	2.6
87.5°	1.7
90°	0.0

(END OF REPORT)