

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: P1276806

Luminaire Tested: P3AS20R359835D010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

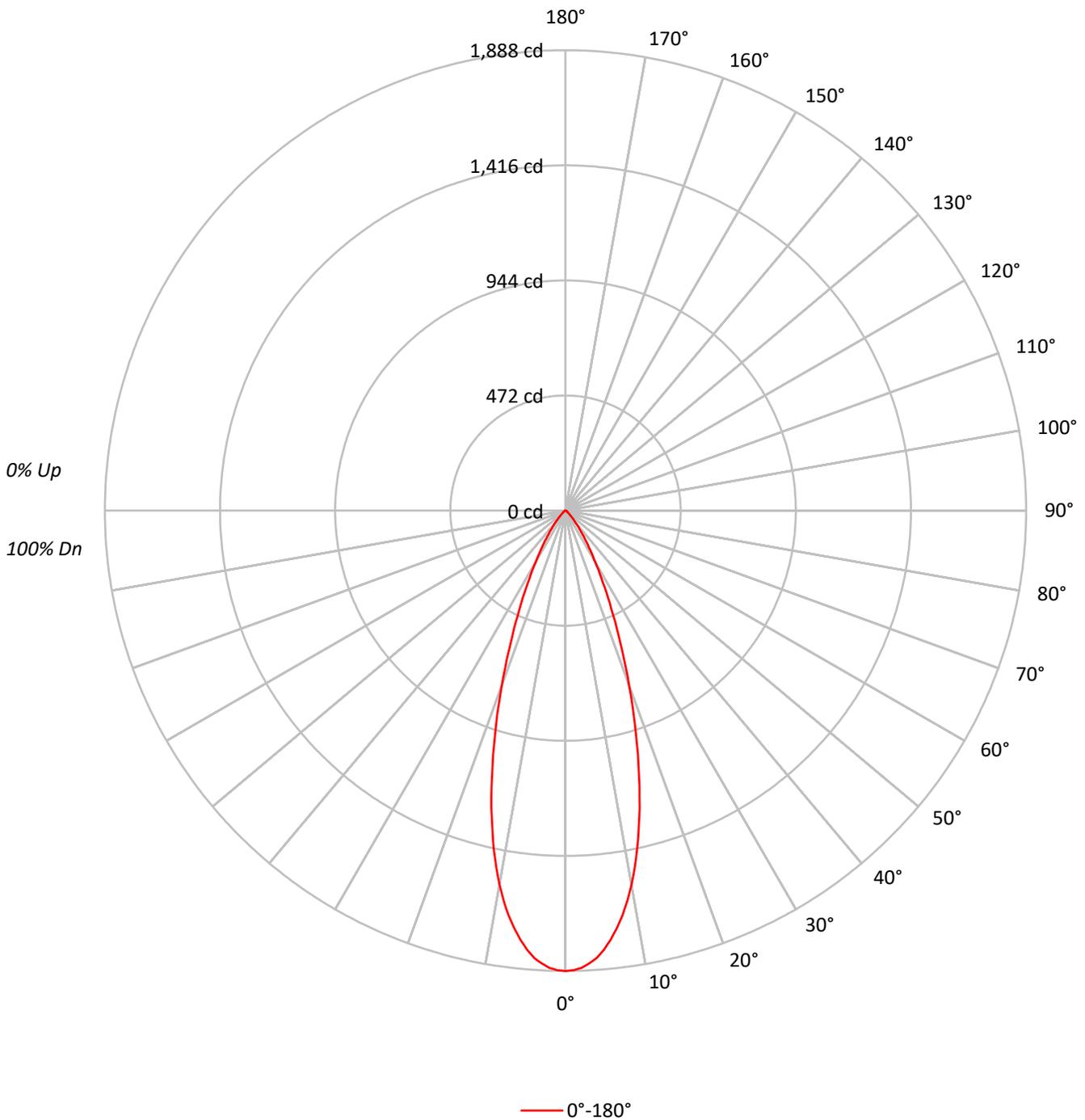
Test Method: LM-79-2019  
Report Number: P1276806  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R359835D010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 821.0 lumens  
Efficiency: N/A  
Efficacy: 30.0 lumens/watt  
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 27.4  
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: P1276806  
CATALOG NUMBER: P3AS20R359835D010 E3DL1GPH

### Luminous Intensity Polar Plot





TEST NUMBER: P1276806  
 CATALOG NUMBER: P3AS20R359835D010 E3DL1GPH

**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	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95				95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90				90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85				85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80				80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76				76
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73				73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70				70
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	66				66
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	64				64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61				61

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

	0°
0°	414068
5°	397952
10°	346732
15°	265586
20°	177675
25°	107522
30°	61706
35°	34506
40°	18320
45°	9458
50°	4537
55°	3594
60°	3421
65°	2854
70°	3013
75°	2626
80°	2904
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 9458 cd/sqm



TEST NUMBER: P1276806  
 CATALOG NUMBER: P3AS20R359835D010 E3DL1GPH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	164.5	20.0
10°-20°	318.8	38.8
20°-30°	208.7	25.4
30°-40°	84.7	10.3
40°-50°	25.4	3.1
50°-60°	8.7	1.1
60°-70°	5.8	0.7
70°-80°	3.4	0.4
80°-90°	1.2	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°	692.0	84.3
0°-40°	776.6	94.6
0°-60°	810.7	98.7
0°-90°	821.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	821.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1888	
5°	1808	164
15°	1170	319
25°	444	209
35°	129	85
45°	30	25
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1276806  
CATALOG NUMBER: P3AS20R359835D010 E3DL1GPH

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1888.3
1°	1885.2
2°	1876.6
3°	1859.4
4°	1839.1
5°	1807.9
6°	1768.9
7°	1725.1
8°	1675.9
9°	1619.7
10°	1557.2
11°	1487.7
12°	1415.1
13°	1333.9
14°	1256.6
15°	1169.9
17.5°	959.8
20°	761.4
22.5°	585.7
25°	444.4
27.5°	331.1
30°	243.7
32.5°	178.8
35°	128.9
37.5°	91.4
40°	64.0
42.5°	44.5
45°	30.5
47.5°	20.3
50°	13.3
52.5°	10.2
55°	9.4
57.5°	8.6
60°	7.8
62.5°	7.0
65°	5.5
67.5°	4.7
70°	4.7
72.5°	3.9
75°	3.1
77.5°	2.3
80°	2.3
82.5°	1.6
85°	0.8
87.5°	0.8



TEST NUMBER: P1276806  
CATALOG NUMBER: P3AS20R359835D010 E3DL1GPH

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)