

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: P1276991

Luminaire Tested: P3AS20R659835D010 E3DLP1GPH

Issue Date: 1/30/2026

**Test Information**

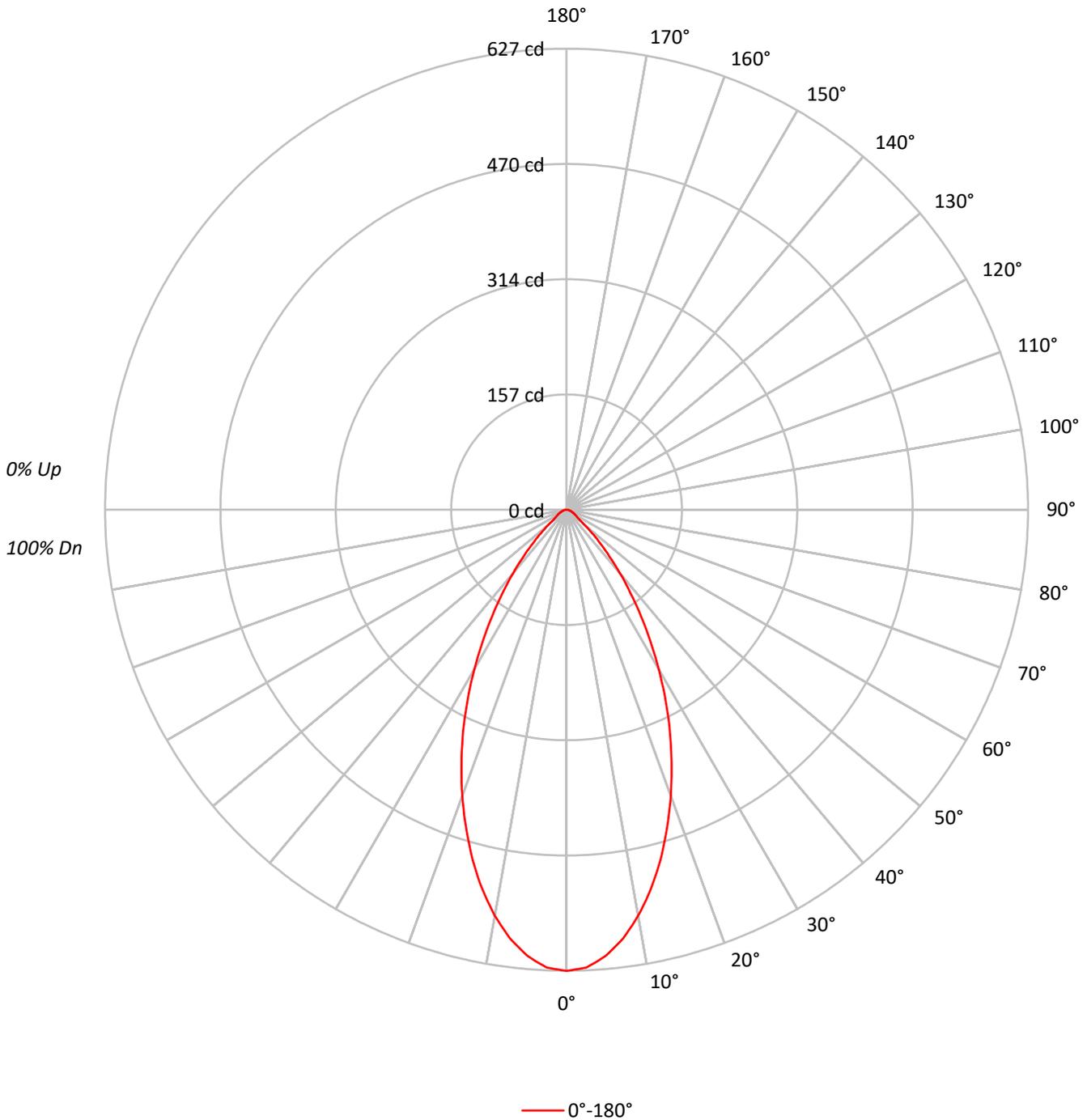
Test Method: LM-79-2019  
Report Number: P1276991  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R659835D010 E3DLP1GPH  
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 98CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 541.0 lumens  
Efficiency: N/A  
Efficacy: 19.7 lumens/watt  
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83  
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: P1276991  
CATALOG NUMBER: P3AS20R659835D010 E3DLP1GPH

### Luminous Intensity Polar Plot





TEST NUMBER: P1276991

CATALOG NUMBER: P3AS20R659835D010 E3DLP1GPH

**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	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92				92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85				85
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78				78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62				62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57				57
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54				54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50				50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47				47

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

	0°
0°	137511
5°	134096
10°	124870
15°	111919
20°	96655
25°	80400
30°	63402
35°	46980
40°	32375
45°	20064
50°	10916
55°	6843
60°	5833
65°	5241
70°	4488
75°	3982
80°	3915
85°	4026

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 20064 cd/sqm



TEST NUMBER: P1276991  
 CATALOG NUMBER: P3AS20R659835D010 E3DLP1GPH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	56.6	10.5
10°-20°	137.0	25.3
20°-30°	151.5	28.0
30°-40°	110.0	20.3
40°-50°	51.5	9.5
50°-60°	17.3	3.2
60°-70°	10.0	1.9
70°-80°	5.2	1.0
80°-90°	1.7	0.3
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°	345.1	63.8
0°-40°	455.1	84.1
0°-60°	524.0	96.9
0°-90°	541.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	541.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	627	
5°	609	57
15°	493	137
25°	332	151
35°	176	110
45°	65	52
55°	18	17
65°	10	10
75°	5	5
85°	2	2
90°	0	



TEST NUMBER: P1276991  
CATALOG NUMBER: P3AS20R659835D010 E3DLP1GPH

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	627.1
2.5°	623.2
5°	609.2
7.5°	588.1
10°	560.8
12.5°	528.8
15°	493.0
17.5°	454.0
20°	414.2
22.5°	372.8
25°	332.3
27.5°	290.9
30°	250.4
32.5°	211.4
35°	175.5
37.5°	142.7
40°	113.1
42.5°	86.6
45°	64.7
47.5°	46.8
50°	32.0
52.5°	21.8
55°	17.9
57.5°	15.6
60°	13.3
62.5°	11.7
65°	10.1
67.5°	8.6
70°	7.0
72.5°	6.2
75°	4.7
77.5°	3.9
80°	3.1
82.5°	2.3
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)