

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: P1274917

Luminaire Tested: P3AS20R659830D010 E3DLD1LI

Issue Date: 1/30/2026

**Test Information**

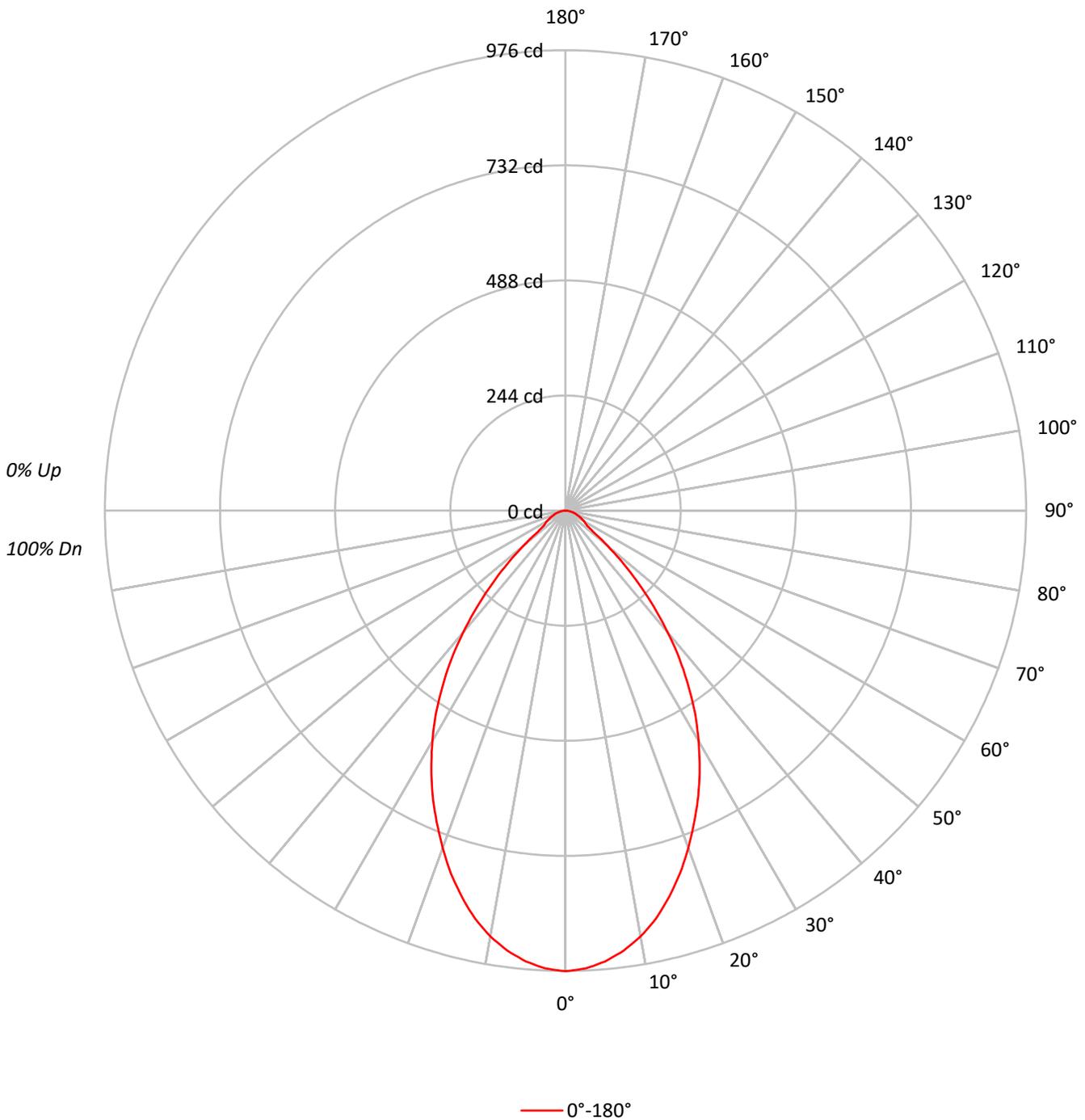
Test Method: LM-79-2019  
Report Number: P1274917  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R659830D010 E3DLD1LI  
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 98CRI , E3DLD1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1203.0 lumens  
Efficiency: N/A  
Efficacy: 43.9 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): 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: P1274917  
CATALOG NUMBER: P3AS20R659830D010 E3DLD1LI

### Luminous Intensity Polar Plot





TEST NUMBER: P1274917  
 CATALOG NUMBER: P3AS20R659830D010 E3DLD1LI

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

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

	0°
0°	214084
5°	211204
10°	204116
15°	192487
20°	177559
25°	161163
30°	142756
35°	121479
40°	96638
45°	68224
50°	39606
55°	21600
60°	20086
65°	18212
70°	16669
75°	15504
80°	13512
85°	11573

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 68224 cd/sqm



TEST NUMBER: P1274917  
 CATALOG NUMBER: P3AS20R659830D010 E3DLD1LI

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	90.2	7.5
10°-20°	237.2	19.7
20°-30°	304.9	25.3
30°-40°	282.0	23.4
40°-50°	170.2	14.2
50°-60°	58.0	4.8
60°-70°	34.9	2.9
70°-80°	19.7	1.6
80°-90°	5.6	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°	632.3	52.6
0°-40°	914.4	76.0
0°-60°	1142.7	95.0
0°-90°	1203.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1203.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	976	
5°	960	90
15°	848	237
25°	666	305
35°	454	282
45°	220	170
55°	56	58
65°	35	35
75°	18	20
85°	5	6
90°	0	

TEST NUMBER: P1274917

CATALOG NUMBER: P3AS20R659830D010 E3DLD1LI

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	976.3
2.5°	971.7
5°	959.5
7.5°	941.1
10°	916.7
12.5°	886.1
15°	847.9
17.5°	806.7
20°	760.9
22.5°	713.5
25°	666.1
27.5°	615.7
30°	563.8
32.5°	511.8
35°	453.8
37.5°	397.2
40°	337.6
42.5°	278.1
45°	220.0
47.5°	166.5
50°	116.1
52.5°	73.3
55°	56.5
57.5°	50.4
60°	45.8
62.5°	39.7
65°	35.1
67.5°	30.6
70°	26.0
72.5°	22.9
75°	18.3
77.5°	15.3
80°	10.7
82.5°	7.6
85°	4.6
87.5°	3.1
90°	0.0

(END OF REPORT)