

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: P1252882

Luminaire Tested: P3AS20R659030D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252882
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R659030D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

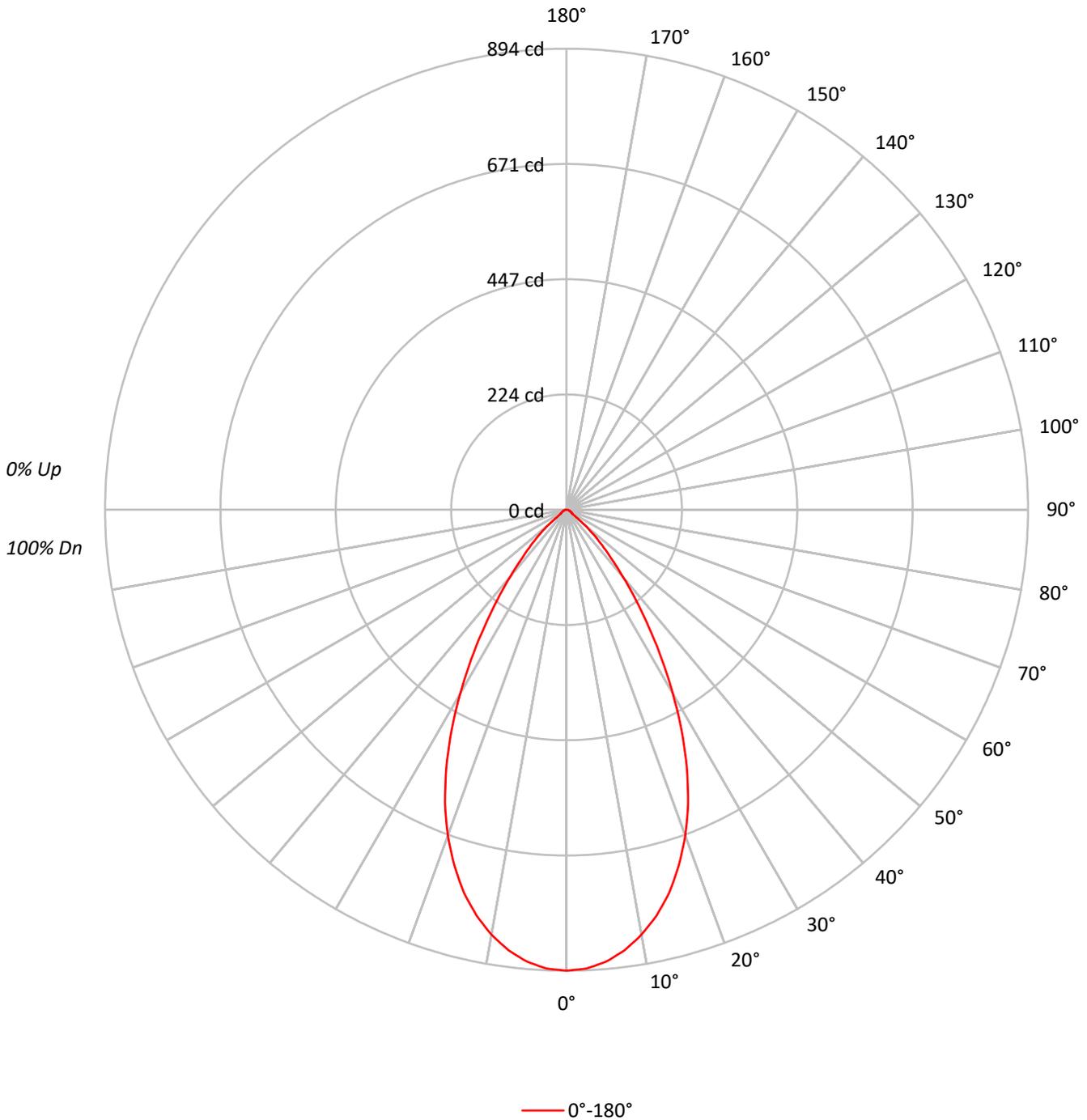
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 831.0 lumens
Efficiency: N/A
Efficacy: 28.9 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
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: P1252882
CATALOG NUMBER: P3AS20R659030D010 E3DL1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1252882
 CATALOG NUMBER: P3AS20R659030D010 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	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93				93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85				85
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79				79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73				73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68				68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63				63
7	82	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58				58
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55				55
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51				51
10	70	60	54	50	69	59	54	50	59	53	50	58	53	50	57	53	49	48				48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	195971
5°	193616
10°	186280
15°	174485
20°	156954
25°	133266
30°	104244
35°	74285
40°	48605
45°	30050
50°	15249
55°	5390
60°	4736
65°	4722
70°	4231
75°	4236
80°	4167
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 30050 cd/sqm



TEST NUMBER: P1252882
 CATALOG NUMBER: P3AS20R659030D010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.6	9.9
10°-20°	213.9	25.7
20°-30°	250.0	30.1
30°-40°	174.7	21.0
40°-50°	76.9	9.3
50°-60°	17.1	2.1
60°-70°	8.7	1.0
70°-80°	5.2	0.6
80°-90°	1.8	0.2
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°	546.5	65.8
0°-40°	721.2	86.8
0°-60°	815.2	98.1
0°-90°	831.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	831.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	894	
5°	880	83
15°	769	214
25°	551	250
35°	278	175
45°	97	77
55°	14	17
65°	9	9
75°	5	5
85°	2	2
90°	0	



TEST NUMBER: P1252882
CATALOG NUMBER: P3AS20R659030D010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	893.7
2.5°	890.4
5°	879.6
7.5°	861.4
10°	836.6
12.5°	805.9
15°	768.6
17.5°	723.1
20°	672.6
22.5°	615.4
25°	550.8
27.5°	482.9
30°	411.7
32.5°	342.9
35°	277.5
37.5°	220.3
40°	169.8
42.5°	128.4
45°	96.9
47.5°	71.2
50°	44.7
52.5°	23.2
55°	14.1
57.5°	12.4
60°	10.8
62.5°	9.9
65°	9.1
67.5°	7.5
70°	6.6
72.5°	5.8
75°	5.0
77.5°	4.1
80°	3.3
82.5°	2.5
85°	1.7
87.5°	0.8
90°	0.0

(END OF REPORT)