

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: P1268197

Luminaire Tested: P3A20R359735D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268197
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R359735D010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

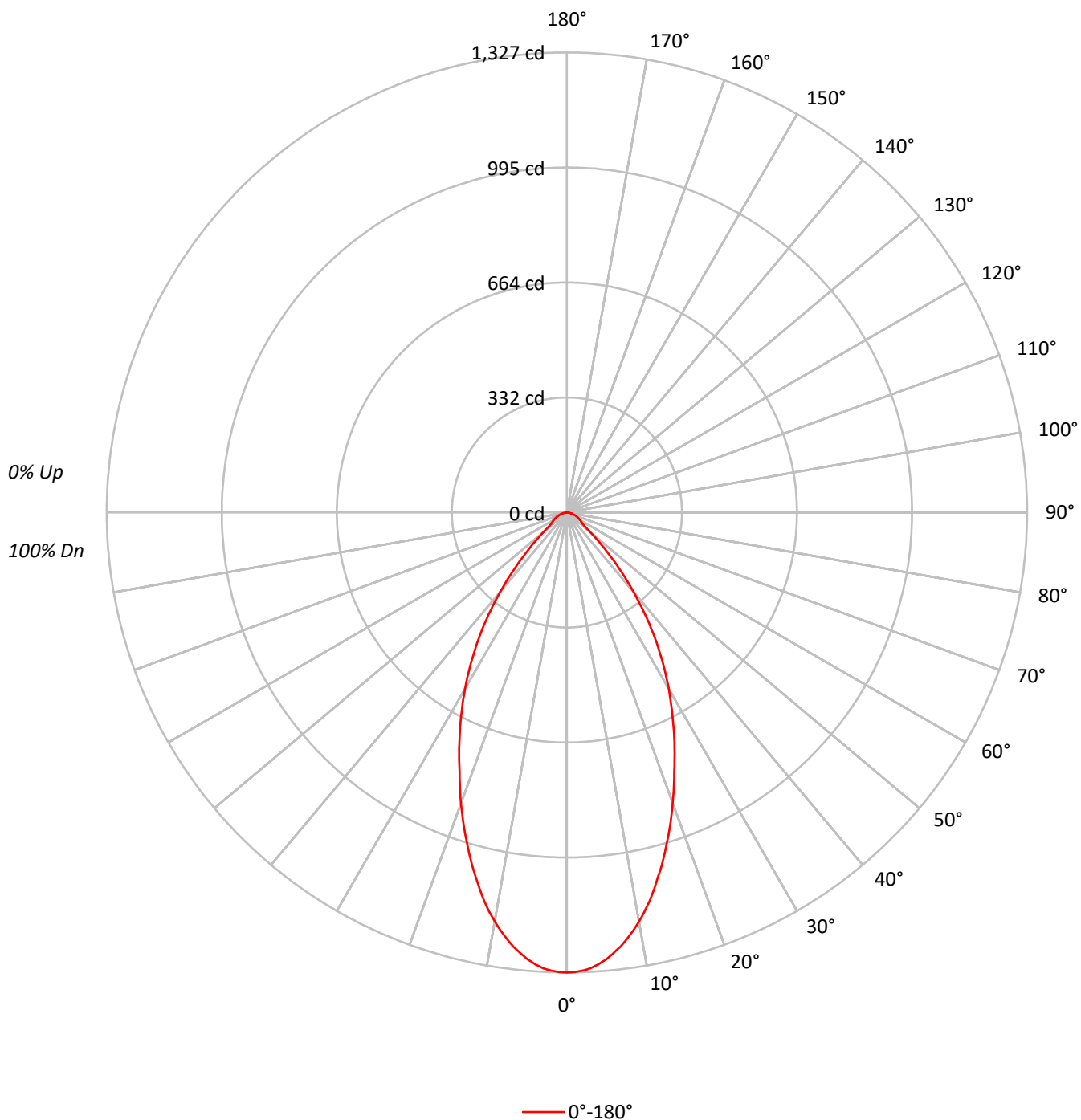
Lumens per Lamp: N/A
Luminaire Lumens: 1274.0 lumens
Efficiency: N/A
Efficacy: 44.2 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1268197

CATALOG NUMBER: P3A20R359735D010 E3DLD1H

Luminous Intensity Polar Plot





TEST NUMBER: P1268197

CATALOG NUMBER: P3A20R359735D010 E3DLD1H

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	291029
5°	284855
10°	266773
15°	239457
20°	208291
25°	177494
30°	148681
35°	118427
40°	85618
45°	54207
50°	29543
55°	20453
60°	19341
65°	17953
70°	17182
75°	14657
80°	13891
85°	11825

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 54207 cd/sqm

TEST NUMBER: P1268197

CATALOG NUMBER: P3A20R359735D010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.4	9.5
10°-20°	293.5	23.0
20°-30°	336.4	26.4
30°-40°	274.5	21.5
40°-50°	138.4	10.9
50°-60°	51.4	4.0
60°-70°	34.5	2.7
70°-80°	19.1	1.5
80°-90°	5.8	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°	750.3	58.9
0°-40°	1024.8	80.4
0°-60°	1214.7	95.3
0°-90°	1274.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1274.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1327	
5°	1294	120
15°	1055	294
25°	734	336
35°	442	274
45°	175	138
55°	54	51
65°	35	34
75°	17	19
85°	5	6
90°	0	

TEST NUMBER: P1268197

CATALOG NUMBER: P3A20R359735D010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1327.2
1°	1325.6
2°	1322.4
3°	1316.1
4°	1306.7
5°	1294.1
6°	1278.4
7°	1262.6
8°	1242.1
9°	1221.7
10°	1198.1
11°	1172.9
12°	1146.1
13°	1116.2
14°	1084.7
15°	1054.8
17.5°	974.5
20°	892.6
22.5°	809.2
25°	733.6
27.5°	659.6
30°	587.2
32.5°	514.8
35°	442.4
37.5°	370.0
40°	299.1
42.5°	233.0
45°	174.8
47.5°	125.9
50°	86.6
52.5°	63.0
55°	53.5
57.5°	48.8
60°	44.1
62.5°	39.4
65°	34.6
67.5°	29.9
70°	26.8
72.5°	22.0
75°	17.3
77.5°	14.2
80°	11.0
82.5°	7.9
85°	4.7
87.5°	3.1



TEST NUMBER: P1268197

CATALOG NUMBER: P3A20R359735D010 E3DLD1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)