

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: P1268365

Luminaire Tested: P3A20R659735D010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268365
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: P3A20R659735D010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 97CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

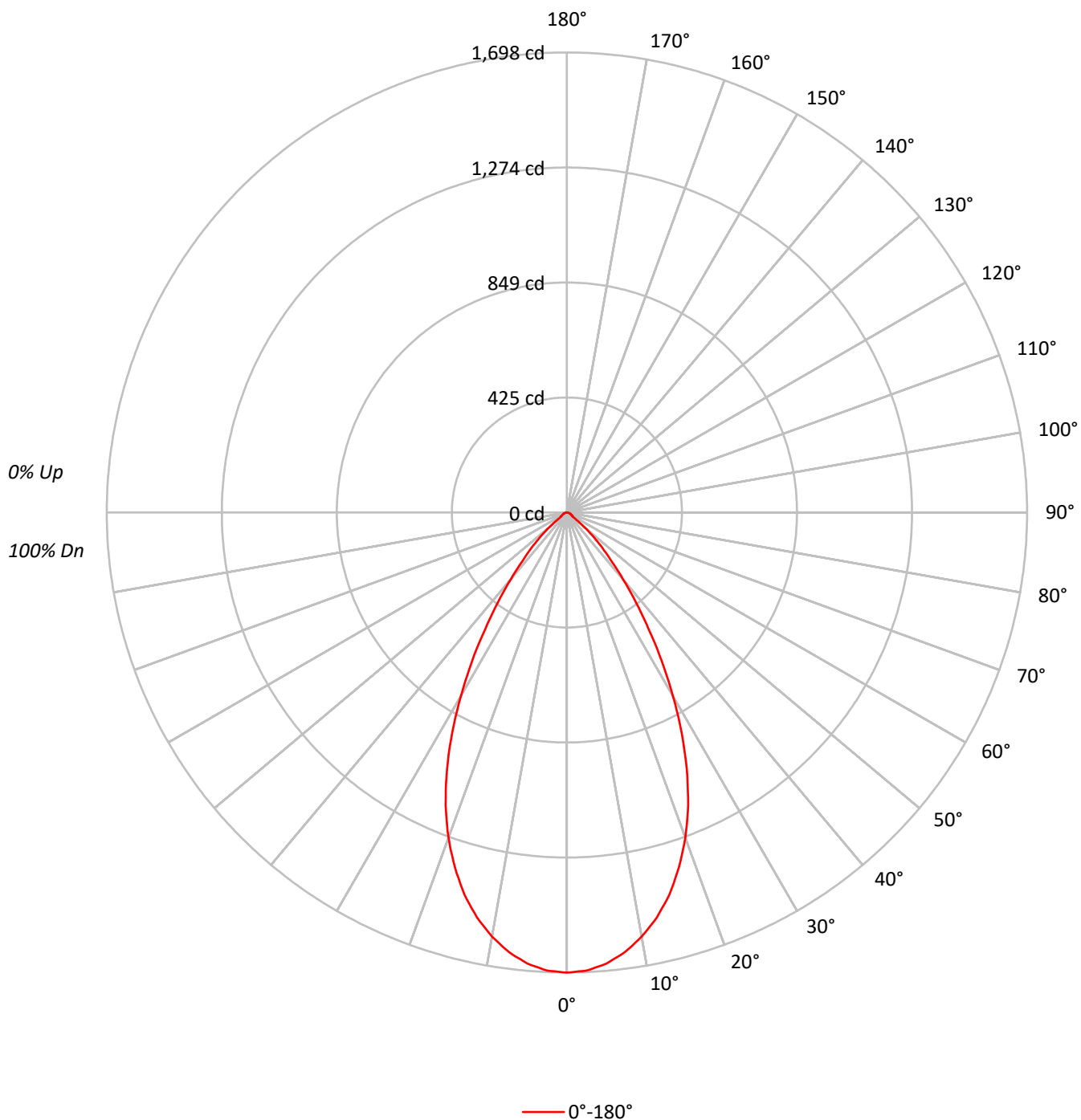
Lumens per Lamp: N/A
Luminaire Lumens: 1579.0 lumens
Efficiency: N/A
Efficacy: 54.8 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1268365

CATALOG NUMBER: P3A20R659735D010 E3DL1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1268365

CATALOG NUMBER: P3A20R659735D010 E3DL1LI

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	372382
5°	367906
10°	353946
15°	331557
20°	298203
25°	253224
30°	198056
35°	141127
40°	92344
45°	57091
50°	28997
55°	10246
60°	8991
65°	8976
70°	8078
75°	7964
80°	7956
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 57091 cd/sqm

TEST NUMBER: P1268365

CATALOG NUMBER: P3A20R659735D010 E3DL1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.9	9.9
10°-20°	406.5	25.7
20°-30°	475.0	30.1
30°-40°	332.0	21.0
40°-50°	146.1	9.3
50°-60°	32.5	2.1
60°-70°	16.6	1.0
70°-80°	10.0	0.6
80°-90°	3.4	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°	1038.4	65.8
0°-40°	1370.4	86.8
0°-60°	1549.0	98.1
0°-90°	1579.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1579.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1698	
5°	1671	157
15°	1460	406
25°	1047	475
35°	527	332
45°	184	146
55°	27	33
65°	17	17
75°	9	10
85°	3	3
90°	0	

TEST NUMBER: P1268365

CATALOG NUMBER: P3A20R659735D010 E3DL1LI

CANDELA DISTRIBUTION (FULL):

	0°
0°	1698.2
2.5°	1691.9
5°	1671.4
7.5°	1636.8
10°	1589.6
12.5°	1531.3
15°	1460.5
17.5°	1374.0
20°	1277.9
22.5°	1169.4
25°	1046.6
27.5°	917.5
30°	782.2
32.5°	651.6
35°	527.2
37.5°	418.6
40°	322.6
42.5°	243.9
45°	184.1
47.5°	135.3
50°	85.0
52.5°	44.1
55°	26.8
57.5°	23.6
60°	20.5
62.5°	18.9
65°	17.3
67.5°	14.2
70°	12.6
72.5°	11.0
75°	9.4
77.5°	7.9
80°	6.3
82.5°	4.7
85°	3.1
87.5°	1.6
90°	0.0

(END OF REPORT)