

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: P1267648

Luminaire Tested: P3A13R659735DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267648
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: P3A13R659735DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

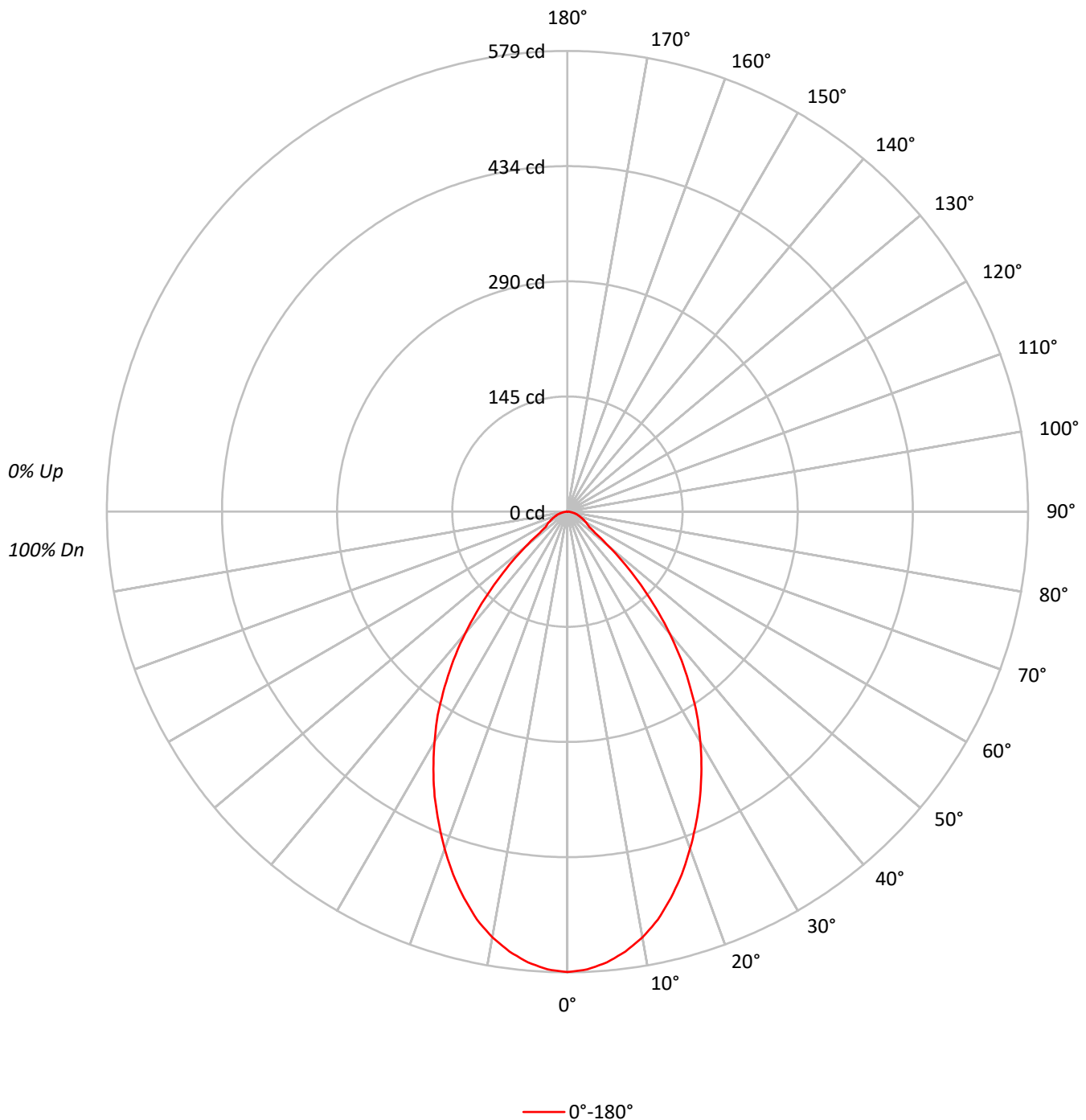
Lumens per Lamp: N/A
Luminaire Lumens: 713.0 lumens
Efficiency: N/A
Efficacy: 48.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1267648

CATALOG NUMBER: P3A13R659735DE010 E3DLD1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1267648

CATALOG NUMBER: P3A13R659735DE010 E3DLD1LI

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	126876
5°	125181
10°	120973
15°	114098
20°	105219
25°	95522
30°	84595
35°	71982
40°	57279
45°	40438
50°	23470
55°	12807
60°	11929
65°	10792
70°	9873
75°	9235
80°	7956
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 40438 cd/sqm

TEST NUMBER: P1267648

CATALOG NUMBER: P3A13R659735DE010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.5	7.5
10°-20°	140.6	19.7
20°-30°	180.7	25.3
30°-40°	167.1	23.4
40°-50°	100.9	14.2
50°-60°	34.4	4.8
60°-70°	20.7	2.9
70°-80°	11.7	1.6
80°-90°	3.3	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°	374.8	52.6
0°-40°	541.9	76.0
0°-60°	677.2	95.0
0°-90°	713.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	713.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	579	
5°	569	53
15°	503	141
25°	395	181
35°	269	167
45°	130	101
55°	34	34
65°	21	21
75°	11	12
85°	3	3
90°	0	

TEST NUMBER: P1267648

CATALOG NUMBER: P3A13R659735DE010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	578.6
2.5°	575.9
5°	568.7
7.5°	557.8
10°	543.3
12.5°	525.2
15°	502.6
17.5°	478.1
20°	450.9
22.5°	422.9
25°	394.8
27.5°	364.9
30°	334.1
32.5°	303.3
35°	268.9
37.5°	235.4
40°	200.1
42.5°	164.8
45°	130.4
47.5°	98.7
50°	68.8
52.5°	43.5
55°	33.5
57.5°	29.9
60°	27.2
62.5°	23.5
65°	20.8
67.5°	18.1
70°	15.4
72.5°	13.6
75°	10.9
77.5°	9.1
80°	6.3
82.5°	4.5
85°	2.7
87.5°	1.8
90°	0.0

(END OF REPORT)