

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: P1274229

Luminaire Tested: P3A13R659830DE010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274229
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: P3A13R659830DE010 E3DLD1WH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 98CRI , E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

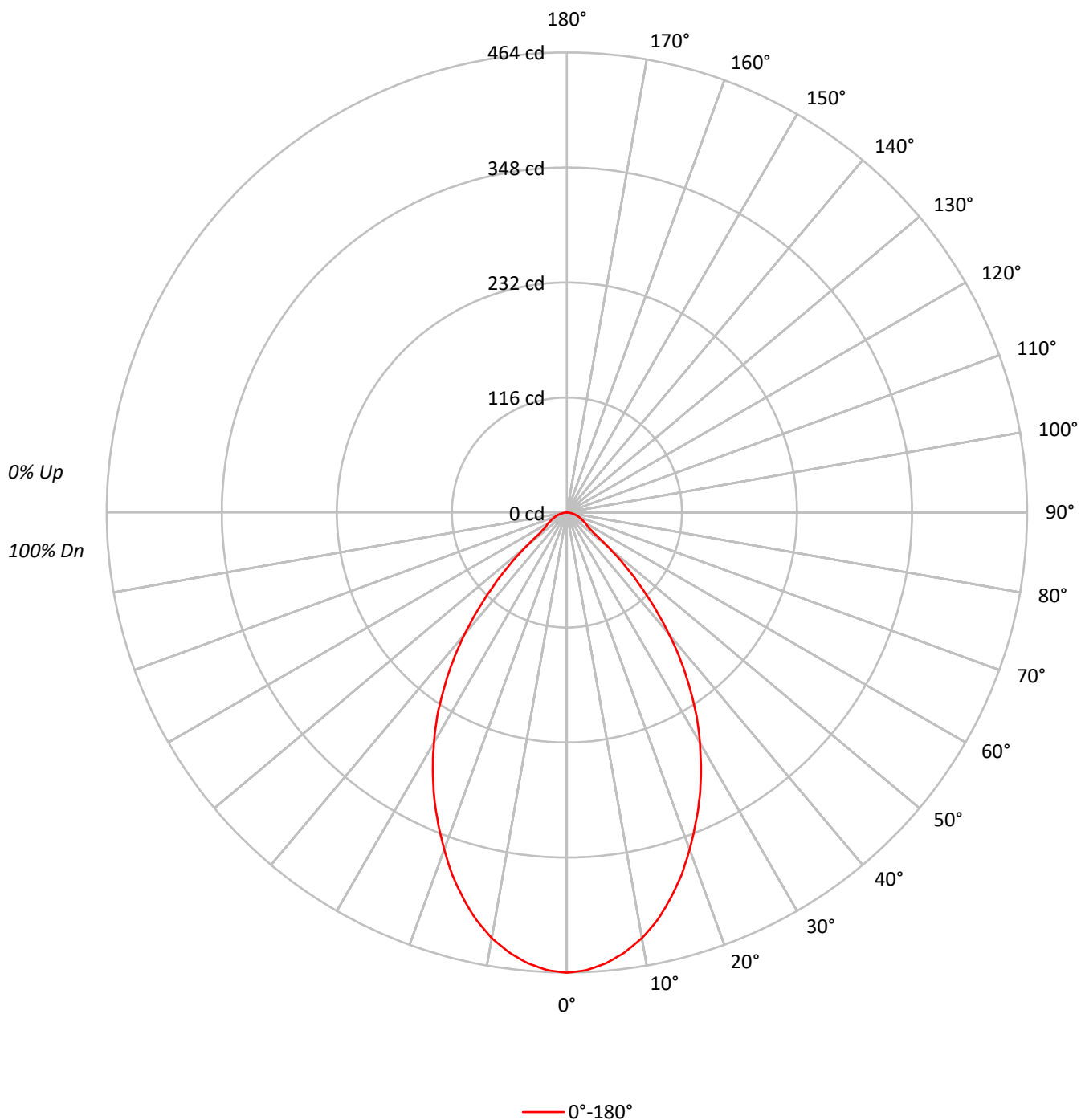
Lumens per Lamp: N/A
Luminaire Lumens: 572.0 lumens
Efficiency: N/A
Efficacy: 39.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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: P1274229

CATALOG NUMBER: P3A13R659830DE010 E3DLD1WH

Luminous Intensity Polar Plot



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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°	101790
5°	100418
10°	97059
15°	91533
20°	84427
25°	76625
30°	67884
35°	57768
40°	45943
45°	32437
50°	18831
55°	10284
60°	9561
65°	8665
70°	7886
75°	7371
80°	6440
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32437 cd/sqm

TEST NUMBER: P1274229

CATALOG NUMBER: P3A13R659830DE010 E3DLD1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.9	7.5
10°-20°	112.8	19.7
20°-30°	145.0	25.3
30°-40°	134.1	23.4
40°-50°	80.9	14.2
50°-60°	27.6	4.8
60°-70°	16.6	2.9
70°-80°	9.4	1.6
80°-90°	2.7	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°	300.7	52.6
0°-40°	434.8	76.0
0°-60°	543.4	95.0
0°-90°	572.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	572.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	464	
5°	456	43
15°	403	113
25°	317	145
35°	216	134
45°	105	81
55°	27	28
65°	17	17
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	464.2
2.5°	462.0
5°	456.2
7.5°	447.5
10°	435.9
12.5°	421.3
15°	403.2
17.5°	383.6
20°	361.8
22.5°	339.3
25°	316.7
27.5°	292.8
30°	268.1
32.5°	243.4
35°	215.8
37.5°	188.9
40°	160.5
42.5°	132.2
45°	104.6
47.5°	79.2
50°	55.2
52.5°	34.9
55°	26.9
57.5°	24.0
60°	21.8
62.5°	18.9
65°	16.7
67.5°	14.5
70°	12.3
72.5°	10.9
75°	8.7
77.5°	7.3
80°	5.1
82.5°	3.6
85°	2.2
87.5°	1.5
90°	0.0

(END OF REPORT)