

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: P1276298

Luminaire Tested: P3AS13R659835DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276298
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: P3AS13R659835DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

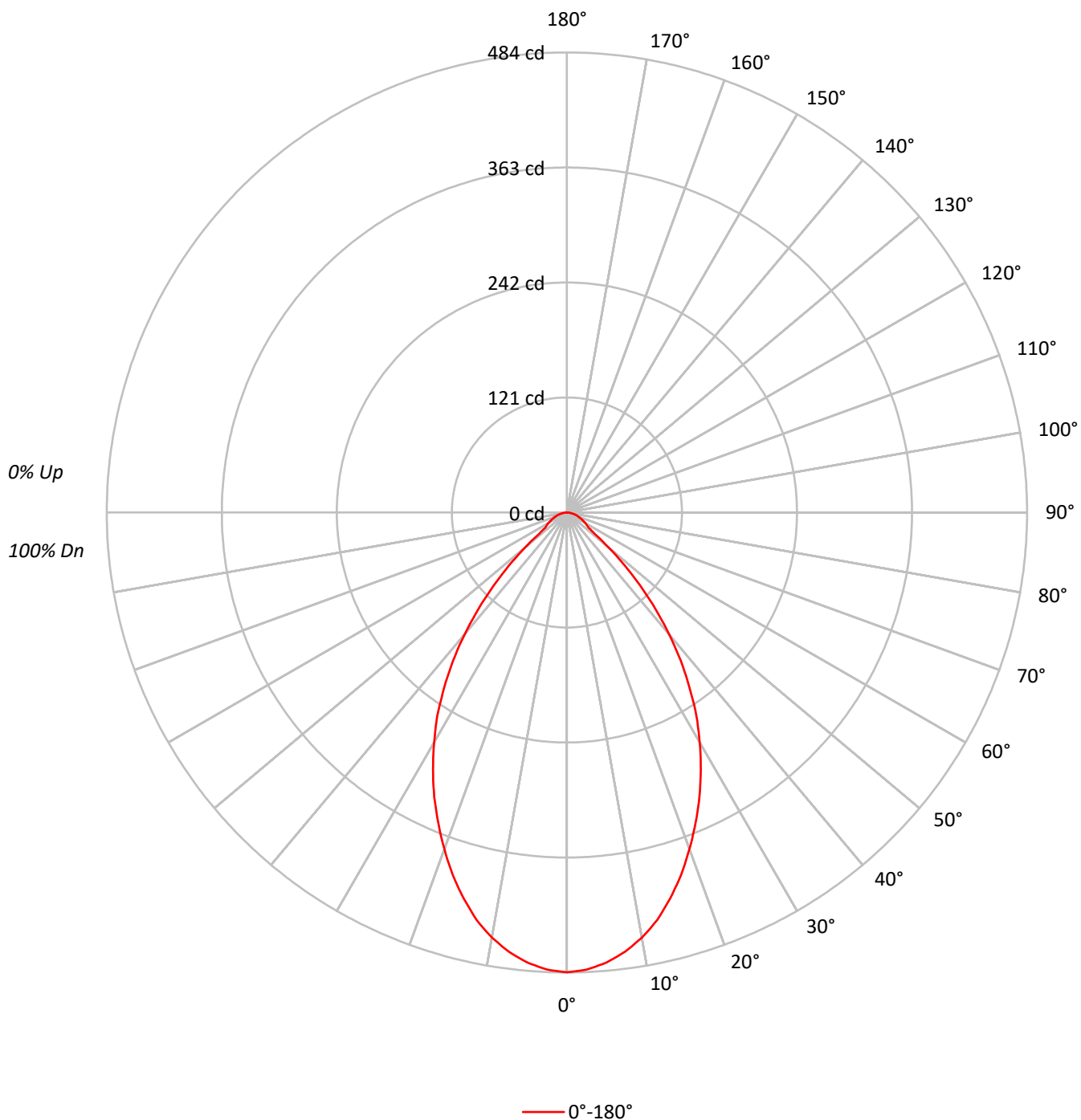
Lumens per Lamp: N/A
Luminaire Lumens: 596.0 lumens
Efficiency: N/A
Efficacy: 41.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1276298

CATALOG NUMBER: P3AS13R659835DE010 E3DLD1MW

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°	106066
5°	104644
10°	101134
15°	95369
20°	87951
25°	79843
30°	70720
35°	60177
40°	47890
45°	33802
50°	19616
55°	10705
60°	9955
65°	9028
70°	8271
75°	7710
80°	6693
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33802 cd/sqm

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CATALOG NUMBER: P3AS13R659835DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.7	7.5
10°-20°	117.5	19.7
20°-30°	151.0	25.3
30°-40°	139.7	23.4
40°-50°	84.4	14.2
50°-60°	28.8	4.8
60°-70°	17.3	2.9
70°-80°	9.8	1.6
80°-90°	2.8	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°	313.3	52.6
0°-40°	453.0	76.0
0°-60°	566.1	95.0
0°-90°	596.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	596.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	484	
5°	475	45
15°	420	118
25°	330	151
35°	225	140
45°	109	84
55°	28	29
65°	17	17
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	483.7
2.5°	481.4
5°	475.4
7.5°	466.3
10°	454.2
12.5°	439.0
15°	420.1
17.5°	399.7
20°	376.9
22.5°	353.5
25°	330.0
27.5°	305.0
30°	279.3
32.5°	253.6
35°	224.8
37.5°	196.8
40°	167.3
42.5°	137.8
45°	109.0
47.5°	82.5
50°	57.5
52.5°	36.3
55°	28.0
57.5°	25.0
60°	22.7
62.5°	19.7
65°	17.4
67.5°	15.1
70°	12.9
72.5°	11.4
75°	9.1
77.5°	7.6
80°	5.3
82.5°	3.8
85°	2.3
87.5°	1.5
90°	0.0

(END OF REPORT)