

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: P1269970

Luminaire Tested: P3A13R559740DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269970
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R559740DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 4000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

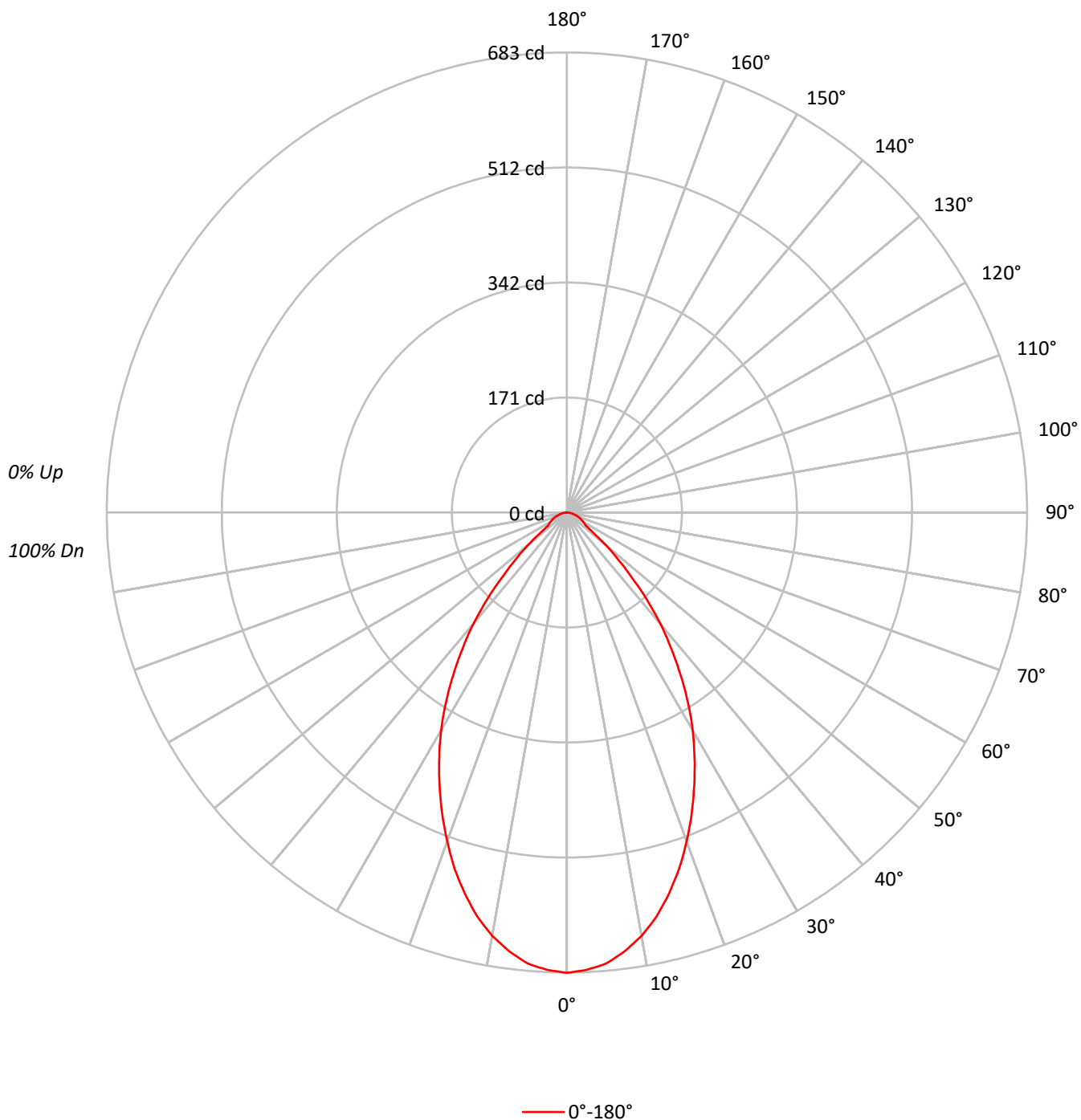
Lumens per Lamp: N/A
Luminaire Lumens: 796.9 lumens
Efficiency: N/A
Efficacy: 54.6 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	102	103	100	98		99	97	96		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	149856
5°	147942
10°	142104
15°	132918
20°	121251
25°	108176
30°	94622
35°	78621
40°	61973
45°	42051
50°	25688
55°	13304
60°	12367
65°	11726
70°	10835
75°	9574
80°	9471
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 42051 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.0	7.9
10°-20°	163.6	20.5
20°-30°	204.9	25.7
30°-40°	182.9	23.0
40°-50°	107.1	13.4
50°-60°	37.0	4.6
60°-70°	22.3	2.8
70°-80°	12.4	1.6
80°-90°	3.6	0.4
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°	431.6	54.2
0°-40°	614.5	77.1
0°-60°	758.6	95.2
0°-90°	796.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	796.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	683	
5°	672	63
15°	586	164
25°	447	205
35°	294	183
45°	136	107
55°	35	37
65°	23	22
75°	11	12
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	683.4
2.5°	679.6
5°	672.1
7.5°	657.0
10°	638.2
12.5°	614.7
15°	585.5
17.5°	554.4
20°	519.6
22.5°	483.8
25°	447.1
27.5°	410.4
30°	373.7
32.5°	334.2
35°	293.7
37.5°	254.2
40°	216.5
42.5°	176.0
45°	135.6
47.5°	103.5
50°	75.3
52.5°	48.9
55°	34.8
57.5°	31.1
60°	28.2
62.5°	25.4
65°	22.6
67.5°	19.8
70°	16.9
72.5°	14.1
75°	11.3
77.5°	9.4
80°	7.5
82.5°	4.7
85°	2.8
87.5°	1.9
90°	0.0

(END OF REPORT)