

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: P1269857

Luminaire Tested: P3A13R359740DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269857
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R359740DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

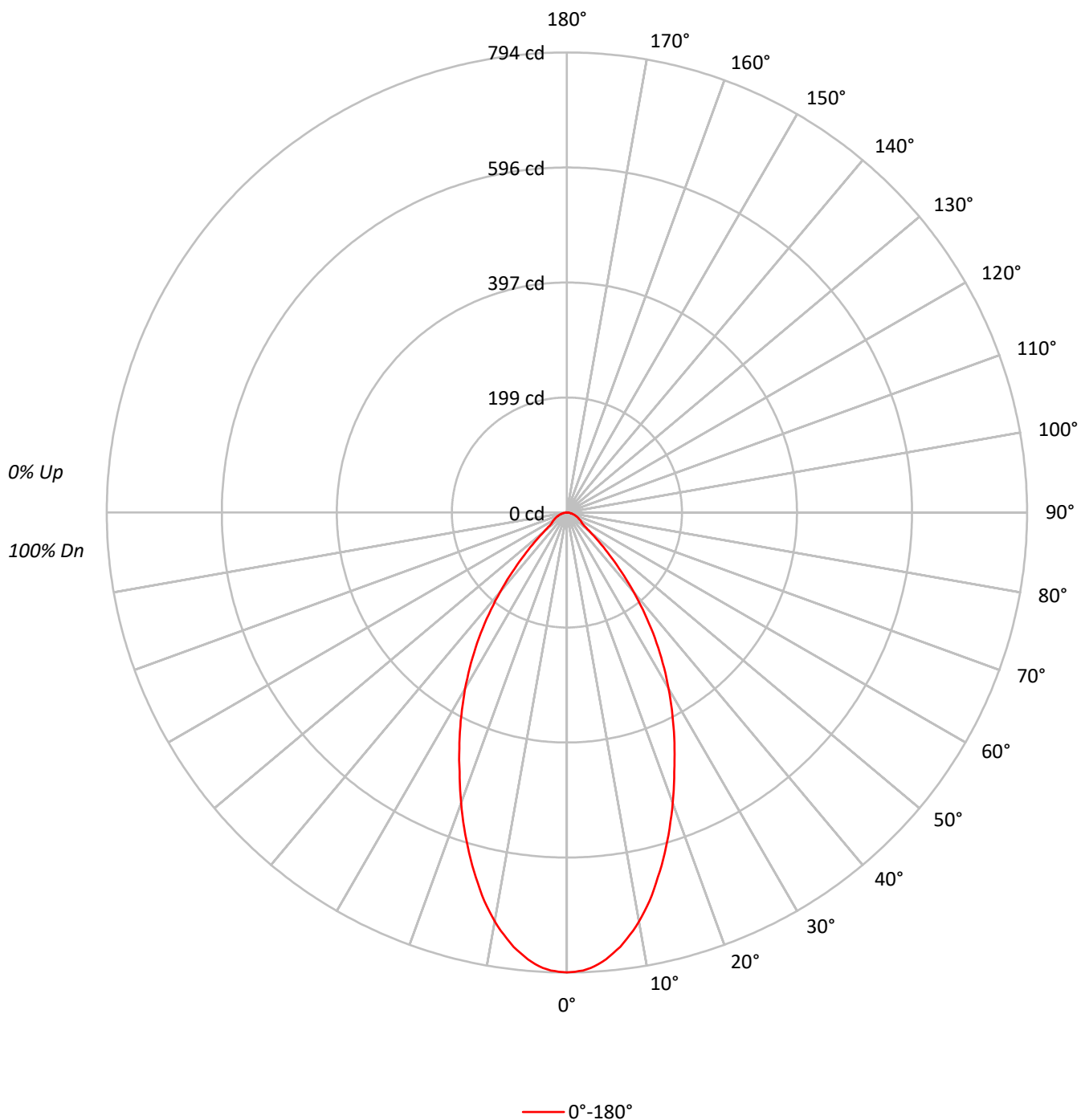
Lumens per Lamp: N/A
Luminaire Lumens: 762.0 lumens
Efficiency: N/A
Efficacy: 52.2 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	174065
5°	170372
10°	159561
15°	143224
20°	124587
25°	106167
30°	88925
35°	70831
40°	51210
45°	32406
50°	17671
55°	12234
60°	11578
65°	10740
70°	10258
75°	8811
80°	8334
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32406 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.0	9.5
10°-20°	175.6	23.0
20°-30°	201.2	26.4
30°-40°	164.2	21.5
40°-50°	82.8	10.9
50°-60°	30.8	4.0
60°-70°	20.6	2.7
70°-80°	11.4	1.5
80°-90°	3.5	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°	448.8	58.9
0°-40°	613.0	80.4
0°-60°	726.5	95.3
0°-90°	762.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	762.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	794	
5°	774	72
15°	631	176
25°	439	201
35°	265	164
45°	104	83
55°	32	31
65°	21	21
75°	10	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	793.8
1°	792.9
2°	791.0
3°	787.2
4°	781.6
5°	774.0
6°	764.6
7°	755.2
8°	742.9
9°	730.7
10°	716.6
11°	701.5
12°	685.5
13°	667.6
14°	648.8
15°	630.9
17.5°	582.9
20°	533.9
22.5°	484.0
25°	438.8
27.5°	394.5
30°	351.2
32.5°	307.9
35°	264.6
37.5°	221.3
40°	178.9
42.5°	139.4
45°	104.5
47.5°	75.3
50°	51.8
52.5°	37.7
55°	32.0
57.5°	29.2
60°	26.4
62.5°	23.5
65°	20.7
67.5°	17.9
70°	16.0
72.5°	13.2
75°	10.4
77.5°	8.5
80°	6.6
82.5°	4.7
85°	2.8
87.5°	1.9



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)