

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: P1262668

Luminaire Tested: P3A13R259727DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262668
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R259727DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

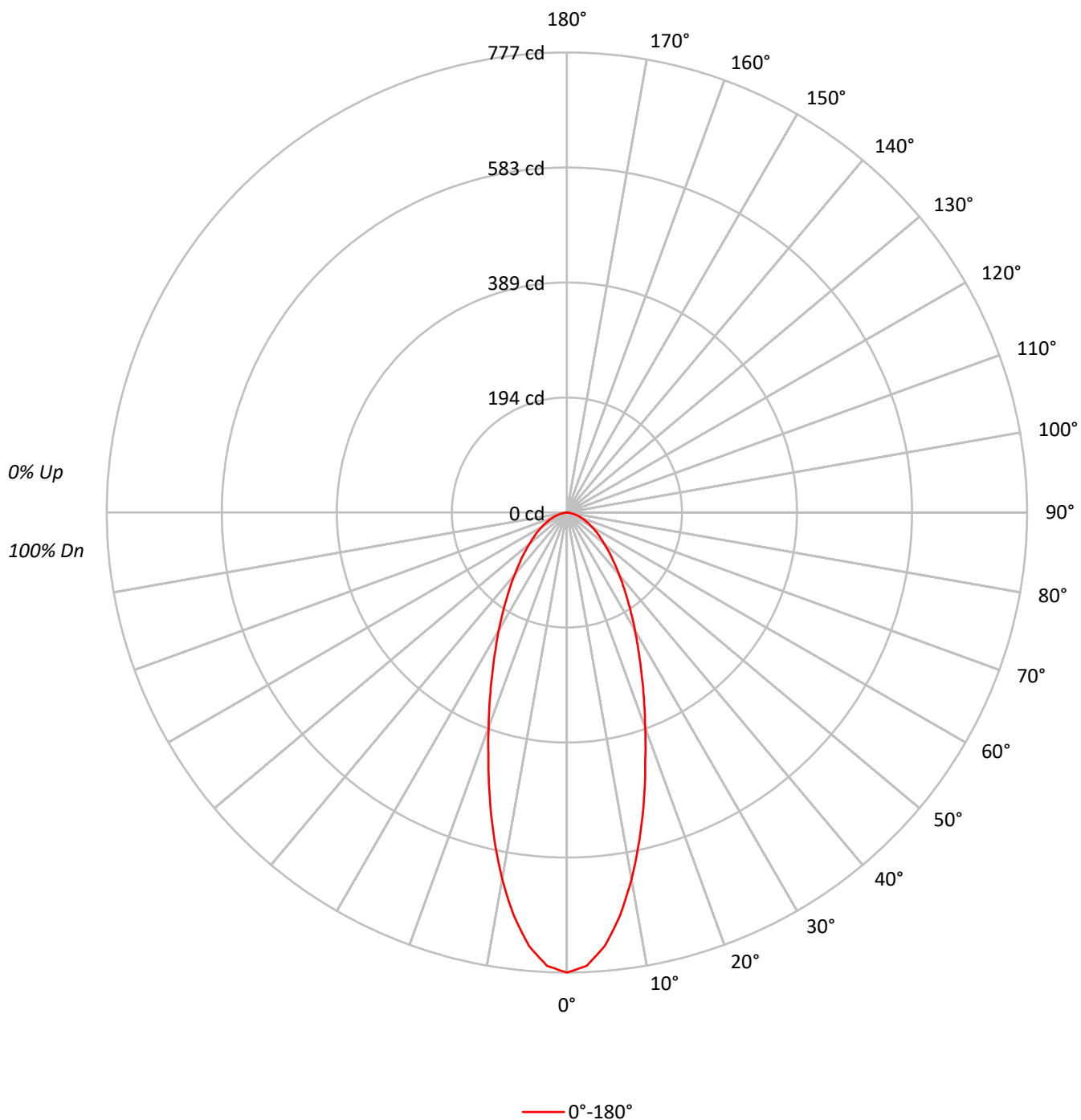
Lumens per Lamp: N/A
Luminaire Lumens: 653.0 lumens
Efficiency: N/A
Efficacy: 44.7 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1262668

CATALOG NUMBER: P3A13R259727DE010 E3PHLD1MW

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	108	105	102	109	106	103	100	102	99	97		98	96	94		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	170381
5°	161721
10°	140078
15°	114053
20°	90121
25°	71859
30°	58237
35°	47435
40°	39302
45°	33120
50°	28042
55°	24697
60°	21621
65°	18887
70°	16541
75°	13895
80°	10355
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33120 cd/sqm

TEST NUMBER: P1262668

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.7	10.2
10°-20°	139.3	21.3
20°-30°	137.3	21.0
30°-40°	111.8	17.1
40°-50°	82.9	12.7
50°-60°	57.9	8.9
60°-70°	36.3	5.6
70°-80°	17.4	2.7
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°	343.3	52.6
0°-40°	455.1	69.7
0°-60°	595.9	91.3
0°-90°	653.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	653.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	777	
5°	735	67
15°	502	139
25°	297	137
35°	177	112
45°	107	83
55°	65	58
65°	36	36
75°	16	17
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	777.0
2.5°	766.4
5°	734.7
7.5°	686.6
10°	629.1
12.5°	565.7
15°	502.4
17.5°	440.1
20°	386.2
22.5°	339.2
25°	297.0
27.5°	260.6
30°	230.0
32.5°	201.9
35°	177.2
37.5°	156.1
40°	137.3
42.5°	120.9
45°	106.8
47.5°	93.9
50°	82.2
52.5°	72.8
55°	64.6
57.5°	56.3
60°	49.3
62.5°	42.3
65°	36.4
67.5°	30.5
70°	25.8
72.5°	21.1
75°	16.4
77.5°	11.7
80°	8.2
82.5°	4.7
85°	2.3
87.5°	1.2
90°	0.0

(END OF REPORT)