

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: P1262578

Luminaire Tested: P3A13R129727DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262578
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R129727DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

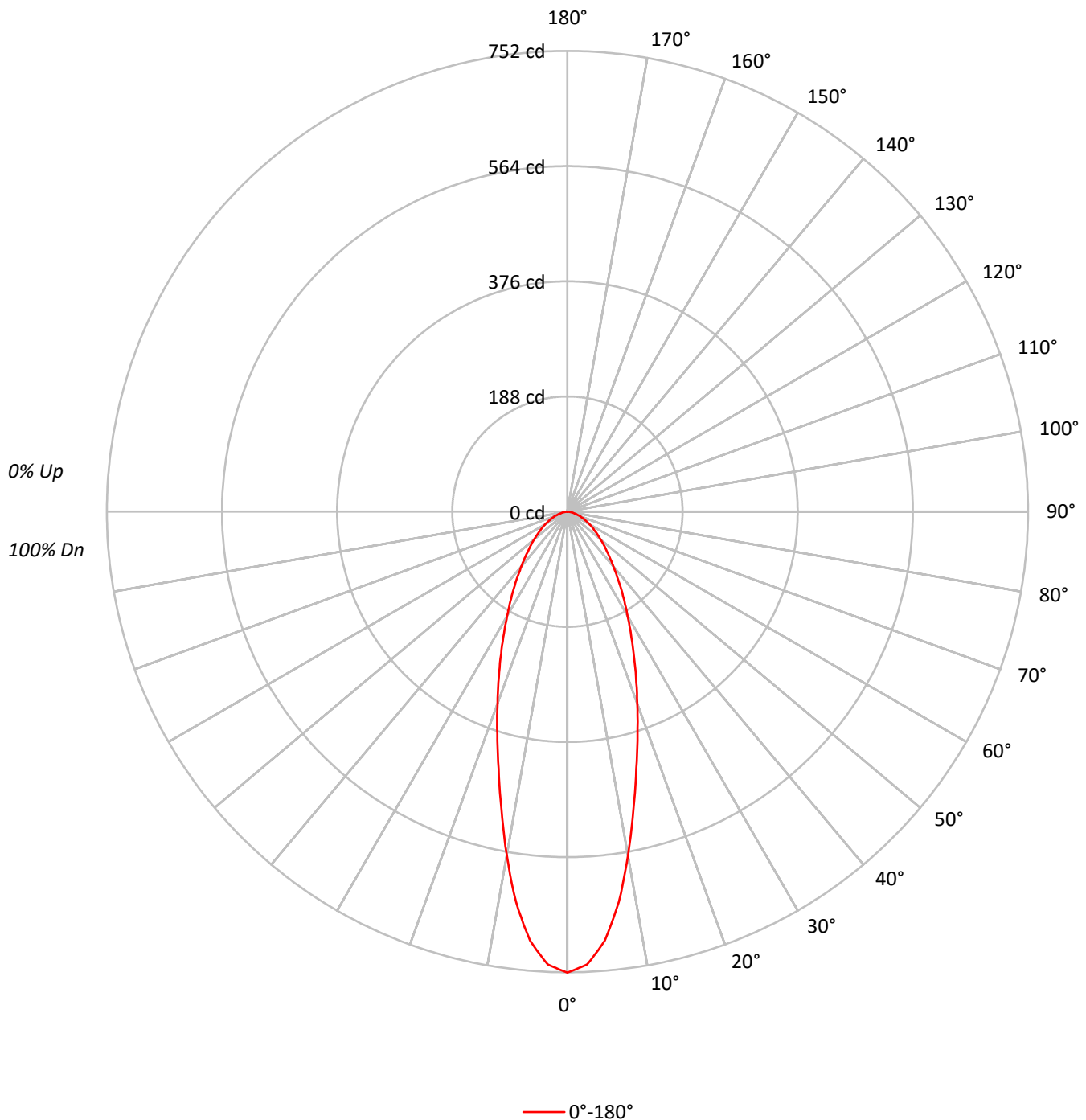
Lumens per Lamp: N/A
Luminaire Lumens: 567.0 lumens
Efficiency: N/A
Efficacy: 36.6 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
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

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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	108	105	102	109	106	103	101	102	100	97		98	96	95		95
2	104	98	93	89	102	97	92	88	93	89	86		90	87	84		87
3	98	90	84	79	96	88	83	78	85	81	77		83	79	75		81
4	92	82	76	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	71	63	58	79	70	63	58	68	62	58		67	61	57		65
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	69	58	51	47	68	57	51	46	56	50	46		55	50	46		54
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	165009
5°	154677
10°	126829
15°	98548
20°	77777
25°	61987
30°	49754
35°	40609
40°	33463
45°	28158
50°	24187
55°	20912
60°	18551
65°	16137
70°	14361
75°	11607
80°	9471
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28158 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.8	11.1
10°-20°	121.6	21.4
20°-30°	118.2	20.8
30°-40°	95.5	16.8
40°-50°	70.9	12.5
50°-60°	49.6	8.7
60°-70°	31.1	5.5
70°-80°	14.7	2.6
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°	302.5	53.4
0°-40°	398.0	70.2
0°-60°	518.5	91.4
0°-90°	567.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	567.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	752	
5°	703	63
15°	434	122
25°	256	118
35°	152	96
45°	91	71
55°	55	50
65°	31	31
75°	14	15
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	752.5
2.5°	740.0
5°	702.7
7.5°	643.0
10°	569.6
12.5°	497.5
15°	434.1
17.5°	380.6
20°	333.3
22.5°	292.3
25°	256.2
27.5°	223.9
30°	196.5
32.5°	172.9
35°	151.7
37.5°	133.1
40°	116.9
42.5°	103.2
45°	90.8
47.5°	80.8
50°	70.9
52.5°	62.2
55°	54.7
57.5°	48.5
60°	42.3
62.5°	36.1
65°	31.1
67.5°	26.1
70°	22.4
72.5°	17.4
75°	13.7
77.5°	9.9
80°	7.5
82.5°	3.7
85°	2.5
87.5°	0.0
90°	0.0

(END OF REPORT)