

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: P1259900

Luminaire Tested: P3AS13R159050DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259900
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: P3AS13R159050DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

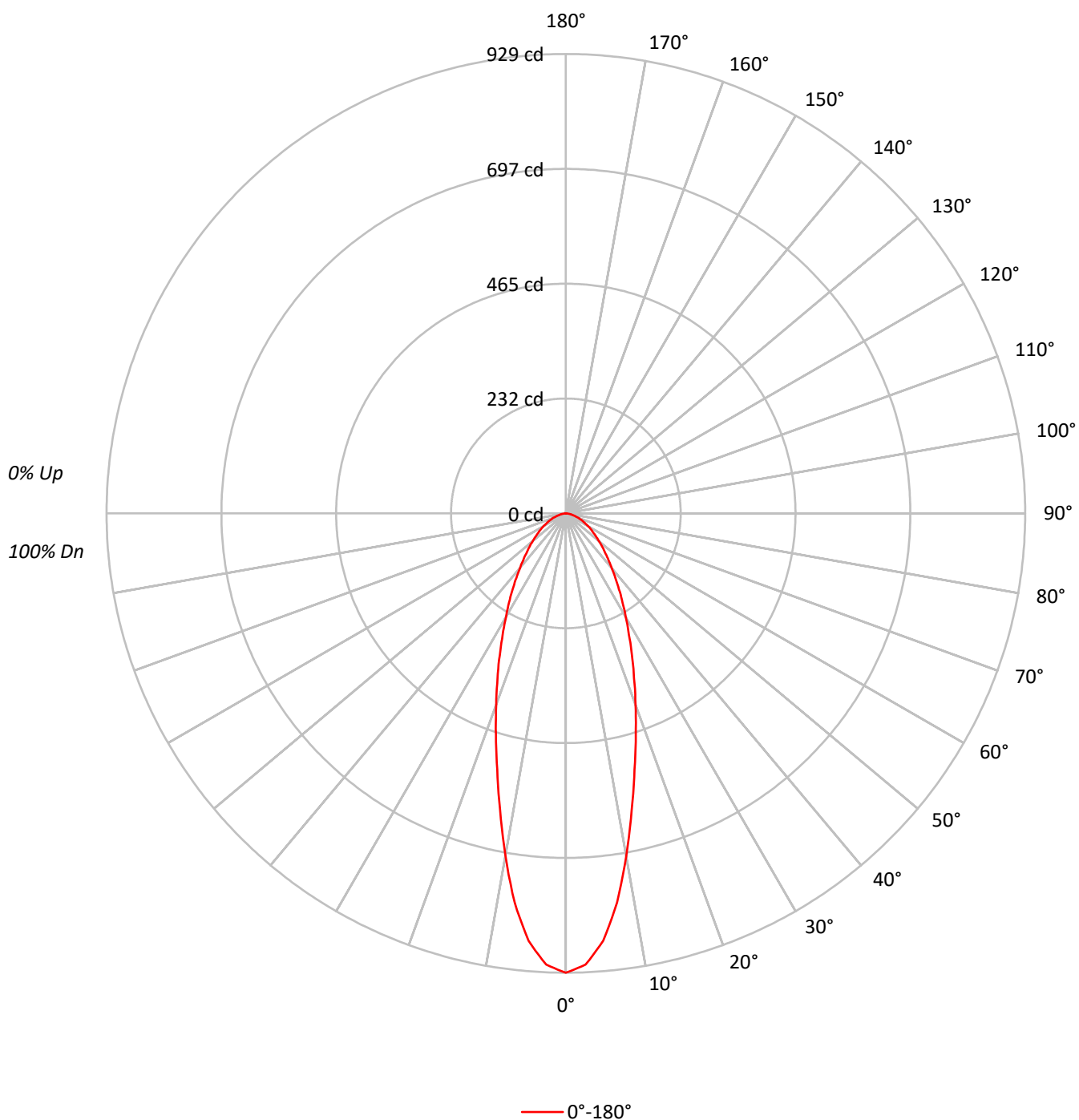
Lumens per Lamp: N/A
Luminaire Lumens: 700.0 lumens
Efficiency: N/A
Efficacy: 47.9 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	203712
5°	190953
10°	156577
15°	121658
20°	96025
25°	76529
30°	61427
35°	50139
40°	41306
45°	34763
50°	29850
55°	25844
60°	22893
65°	19924
70°	17695
75°	14318
80°	11618
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 34763 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.5	11.1
10°-20°	150.1	21.4
20°-30°	145.9	20.8
30°-40°	117.9	16.8
40°-50°	87.5	12.5
50°-60°	61.2	8.7
60°-70°	38.3	5.5
70°-80°	18.2	2.6
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°	373.5	53.4
0°-40°	491.4	70.2
0°-60°	640.1	91.4
0°-90°	700.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	700.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	929	
5°	868	77
15°	536	150
25°	316	146
35°	187	118
45°	112	88
55°	68	61
65°	38	38
75°	17	18
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	929.0
2.5°	913.6
5°	867.5
7.5°	793.8
10°	703.2
12.5°	614.2
15°	535.9
17.5°	469.9
20°	411.5
22.5°	360.8
25°	316.3
27.5°	276.4
30°	242.6
32.5°	213.4
35°	187.3
37.5°	164.3
40°	144.3
42.5°	127.4
45°	112.1
47.5°	99.8
50°	87.5
52.5°	76.8
55°	67.6
57.5°	59.9
60°	52.2
62.5°	44.5
65°	38.4
67.5°	32.2
70°	27.6
72.5°	21.5
75°	16.9
77.5°	12.3
80°	9.2
82.5°	4.6
85°	3.1
87.5°	0.0
90°	0.0

(END OF REPORT)