

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: P1257303

Luminaire Tested: P3AS13R159040DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257303
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: P3AS13R159040DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

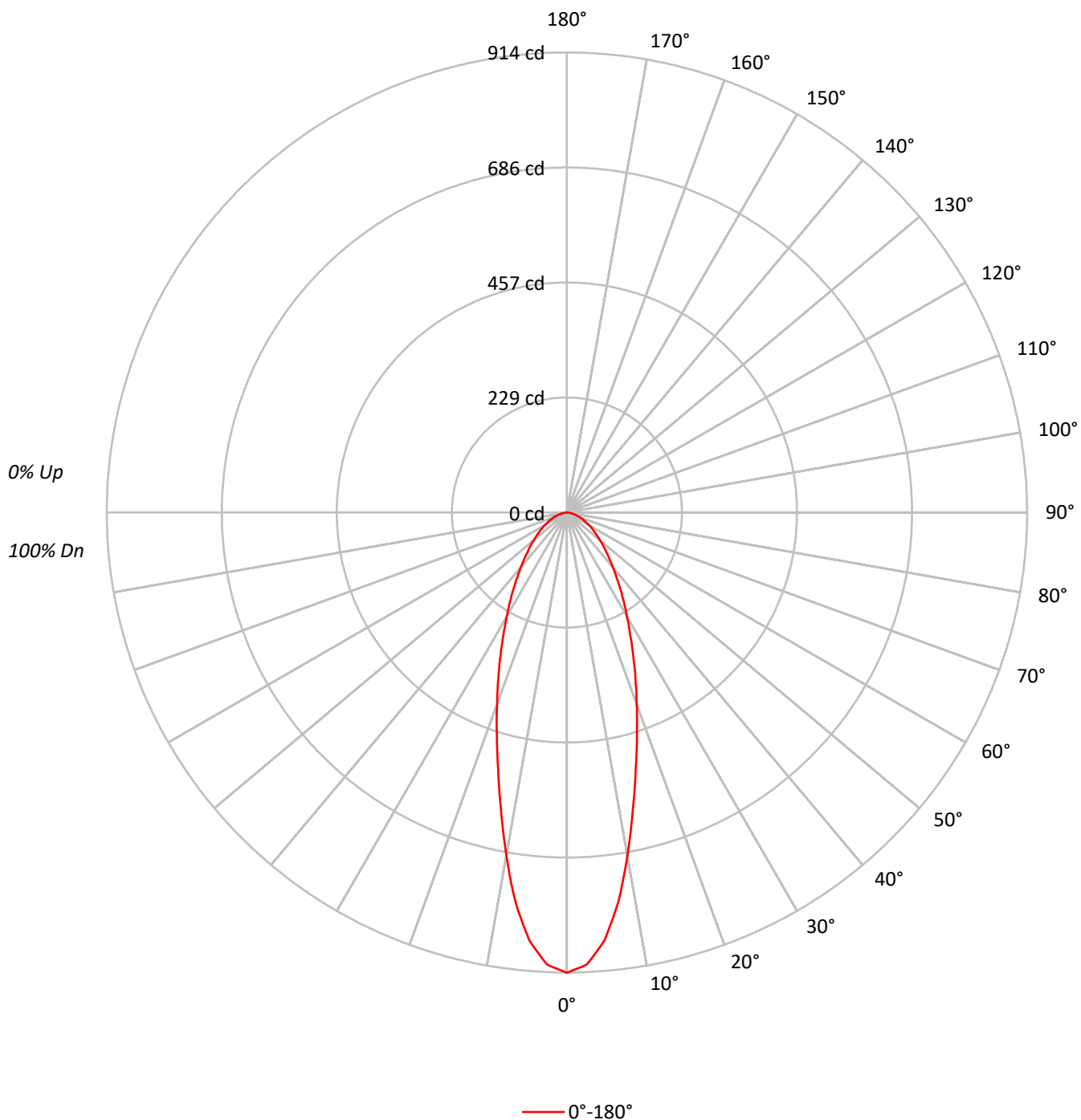
Lumens per Lamp: N/A
Luminaire Lumens: 689.0 lumens
Efficiency: N/A
Efficacy: 47.2 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	200510
5°	187959
10°	154128
15°	119751
20°	94508
25°	75319
30°	60465
35°	49362
40°	40676
45°	34205
50°	29372
55°	25423
60°	22542
65°	19613
70°	17439
75°	14064
80°	11491
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 34205 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.3	11.1
10°-20°	147.7	21.4
20°-30°	143.6	20.8
30°-40°	116.1	16.8
40°-50°	86.2	12.5
50°-60°	60.2	8.7
60°-70°	37.7	5.5
70°-80°	17.9	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°	367.6	53.4
0°-40°	483.7	70.2
0°-60°	630.0	91.4
0°-90°	689.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	689.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	914	
5°	854	76
15°	528	148
25°	311	144
35°	184	116
45°	110	86
55°	66	60
65°	38	38
75°	17	18
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	914.4
2.5°	899.2
5°	853.9
7.5°	781.4
10°	692.2
12.5°	604.5
15°	527.5
17.5°	462.5
20°	405.0
22.5°	355.2
25°	311.3
27.5°	272.0
30°	238.8
32.5°	210.1
35°	184.4
37.5°	161.7
40°	142.1
42.5°	125.4
45°	110.3
47.5°	98.2
50°	86.1
52.5°	75.6
55°	66.5
57.5°	58.9
60°	51.4
62.5°	43.8
65°	37.8
67.5°	31.7
70°	27.2
72.5°	21.2
75°	16.6
77.5°	12.1
80°	9.1
82.5°	4.5
85°	3.0
87.5°	0.0
90°	0.0

(END OF REPORT)