

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: P1259901

Luminaire Tested: P3AS13R159050DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259901
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R159050DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

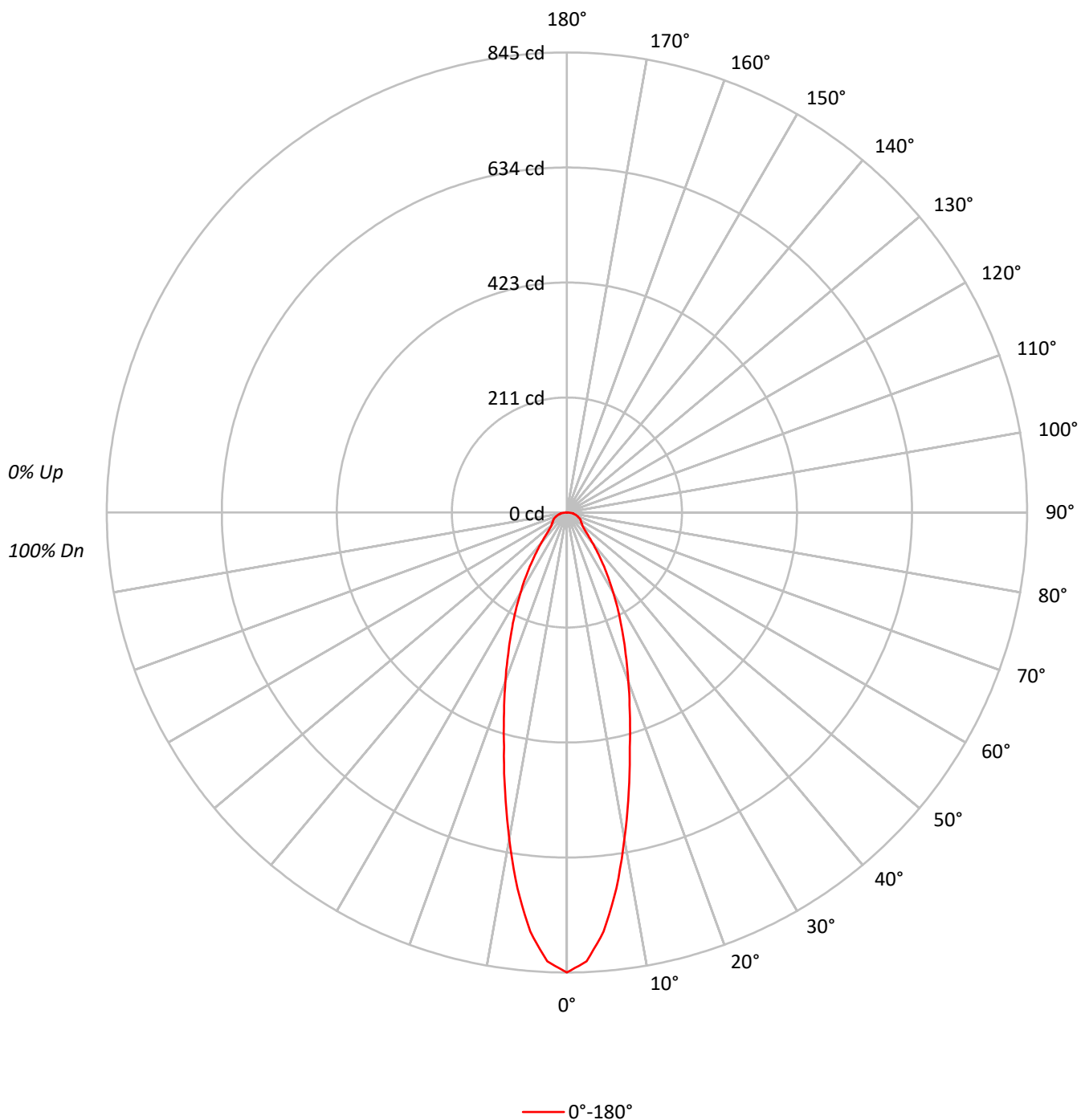
Lumens per Lamp: N/A
Luminaire Lumens: 495.0 lumens
Efficiency: N/A
Efficacy: 33.9 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	100	102	99	97		98	96	94		95
2	105	99	94	90	102	97	92	89	94	90	87		91	87	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	185270
5°	170107
10°	135557
15°	101295
20°	76937
25°	58237
30°	43095
35°	30785
40°	21068
45°	14730
50°	12554
55°	12310
60°	12762
65°	13542
70°	13784
75°	14318
80°	15532
85°	15347

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 17976 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.4	13.8
10°-20°	125.2	25.3
20°-30°	110.9	22.4
30°-40°	72.6	14.7
40°-50°	38.8	7.8
50°-60°	29.3	5.9
60°-70°	25.3	5.1
70°-80°	17.4	3.5
80°-90°	7.1	1.4
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°	304.5	61.5
0°-40°	377.1	76.2
0°-60°	445.2	89.9
0°-90°	495.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	495.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	845	
5°	773	68
15°	446	125
25°	241	111
35°	115	73
45°	48	39
55°	32	29
65°	26	25
75°	17	17
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	844.9
2.5°	825.0
5°	772.8
7.5°	696.2
10°	608.8
12.5°	524.4
15°	446.2
17.5°	383.3
20°	329.7
22.5°	282.1
25°	240.7
27.5°	203.9
30°	170.2
32.5°	141.1
35°	115.0
37.5°	92.0
40°	73.6
42.5°	58.3
45°	47.5
47.5°	41.4
50°	36.8
52.5°	35.3
55°	32.2
57.5°	30.7
60°	29.1
62.5°	27.6
65°	26.1
67.5°	23.0
70°	21.5
72.5°	18.4
75°	16.9
77.5°	13.8
80°	12.3
82.5°	10.7
85°	6.1
87.5°	3.1
90°	0.0

(END OF REPORT)