

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: P1257304

Luminaire Tested: P3AS13R159040DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257304
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: P3AS13R159040DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

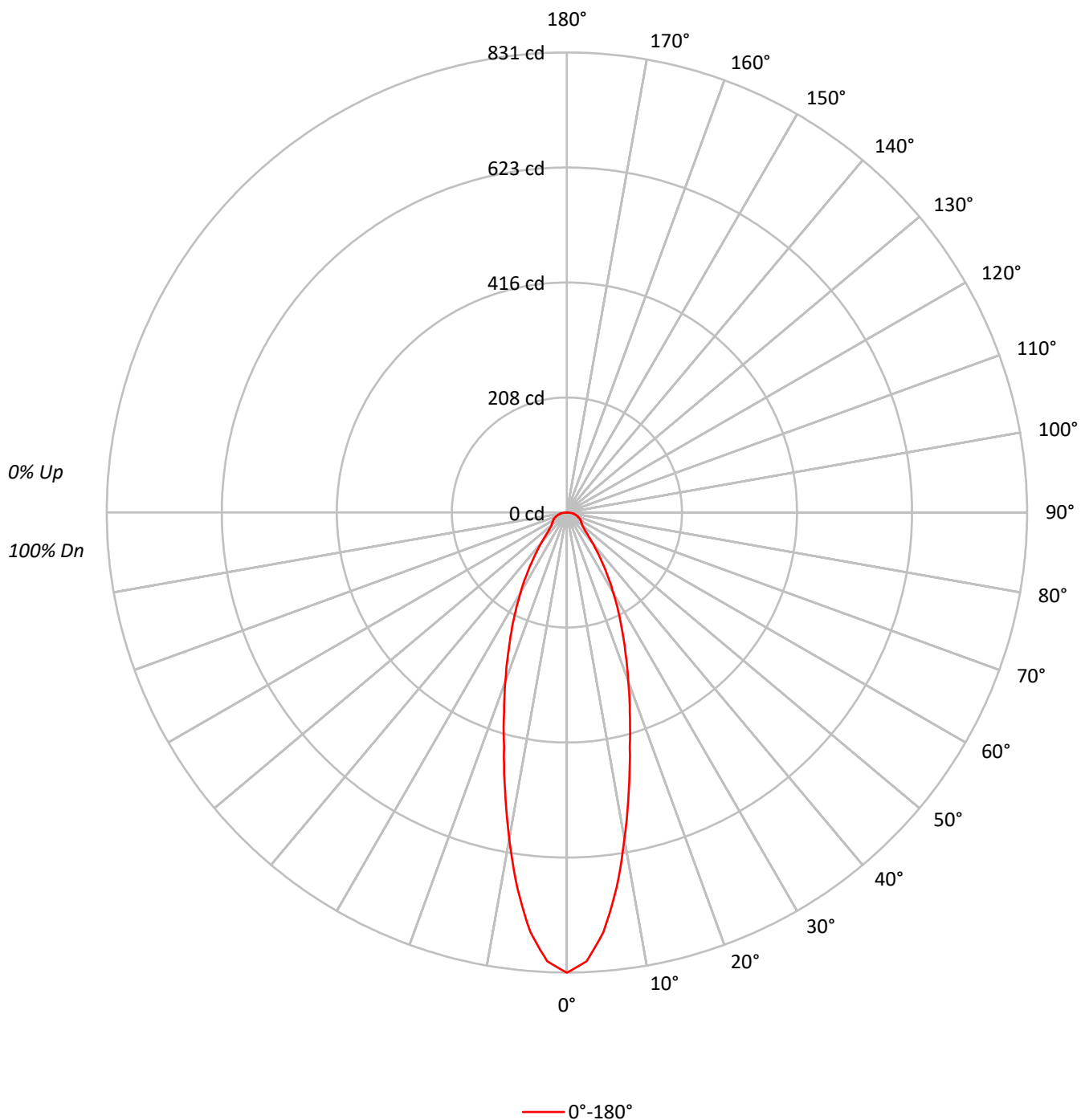
Lumens per Lamp: N/A
Luminaire Lumens: 487.0 lumens
Efficiency: N/A
Efficacy: 33.4 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	182266
5°	167356
10°	133353
15°	99660
20°	75700
25°	57318
30°	42412
35°	30276
40°	20725
45°	14513
50°	12349
55°	12119
60°	12587
65°	13283
70°	13528
75°	14064
80°	15280
85°	15096

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 17808 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.3	13.8
10°-20°	123.1	25.3
20°-30°	109.1	22.4
30°-40°	71.4	14.7
40°-50°	38.2	7.8
50°-60°	28.9	5.9
60°-70°	24.8	5.1
70°-80°	17.1	3.5
80°-90°	7.0	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°	299.6	61.5
0°-40°	371.0	76.2
0°-60°	438.1	89.9
0°-90°	487.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	487.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	831	
5°	760	67
15°	439	123
25°	237	109
35°	113	71
45°	47	38
55°	32	29
65°	26	25
75°	17	17
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	831.2
2.5°	811.6
5°	760.3
7.5°	684.9
10°	598.9
12.5°	515.9
15°	439.0
17.5°	377.2
20°	324.4
22.5°	277.6
25°	236.9
27.5°	200.6
30°	167.5
32.5°	138.8
35°	113.1
37.5°	90.5
40°	72.4
42.5°	57.3
45°	46.8
47.5°	40.7
50°	36.2
52.5°	34.7
55°	31.7
57.5°	30.2
60°	28.7
62.5°	27.2
65°	25.6
67.5°	22.6
70°	21.1
72.5°	18.1
75°	16.6
77.5°	13.6
80°	12.1
82.5°	10.6
85°	6.0
87.5°	3.0
90°	0.0

(END OF REPORT)