

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: P1254655

Luminaire Tested: P3AS13R259035DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254655
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259035DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

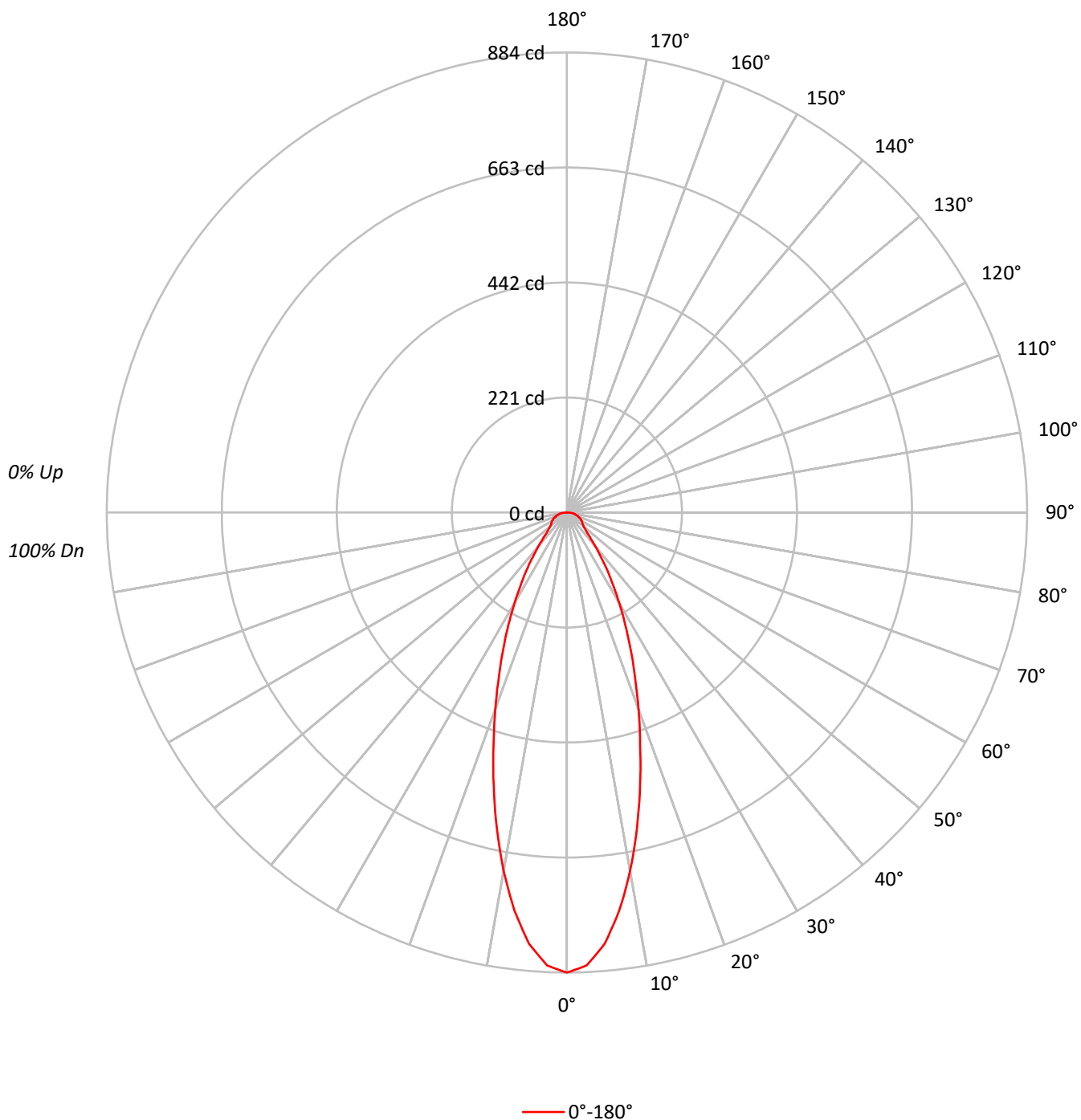
Lumens per Lamp: N/A
Luminaire Lumens: 577.0 lumens
Efficiency: N/A
Efficacy: 39.5 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	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°	193866
5°	183160
10°	155686
15°	123315
20°	93715
25°	69899
30°	50843
35°	35978
40°	24389
45°	17025
50°	14294
55°	13801
60°	14560
65°	14995
70°	14810
75°	15928
80°	18184
85°	18115

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 19488 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.1	13.0
10°-20°	150.3	26.1
20°-30°	133.1	23.1
30°-40°	84.8	14.7
40°-50°	44.9	7.8
50°-60°	33.0	5.7
60°-70°	28.1	4.9
70°-80°	19.8	3.4
80°-90°	7.9	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°	358.6	62.1
0°-40°	443.4	76.8
0°-60°	521.2	90.3
0°-90°	577.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	577.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	884	
5°	832	75
15°	543	150
25°	289	133
35°	134	85
45°	55	45
55°	36	33
65°	29	28
75°	19	20
85°	7	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	884.1
2.5°	871.1
5°	832.1
7.5°	771.4
10°	699.2
12.5°	621.2
15°	543.2
17.5°	468.1
20°	401.6
22.5°	340.9
25°	288.9
27.5°	242.7
30°	200.8
32.5°	164.7
35°	134.4
37.5°	106.9
40°	85.2
42.5°	67.9
45°	54.9
47.5°	47.7
50°	41.9
52.5°	39.0
55°	36.1
57.5°	34.7
60°	33.2
62.5°	30.3
65°	28.9
67.5°	26.0
70°	23.1
72.5°	21.7
75°	18.8
77.5°	15.9
80°	14.4
82.5°	11.6
85°	7.2
87.5°	2.9
90°	0.0

(END OF REPORT)