

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: P1254623

Luminaire Tested: P3AS13R209035DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254623
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R209035DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

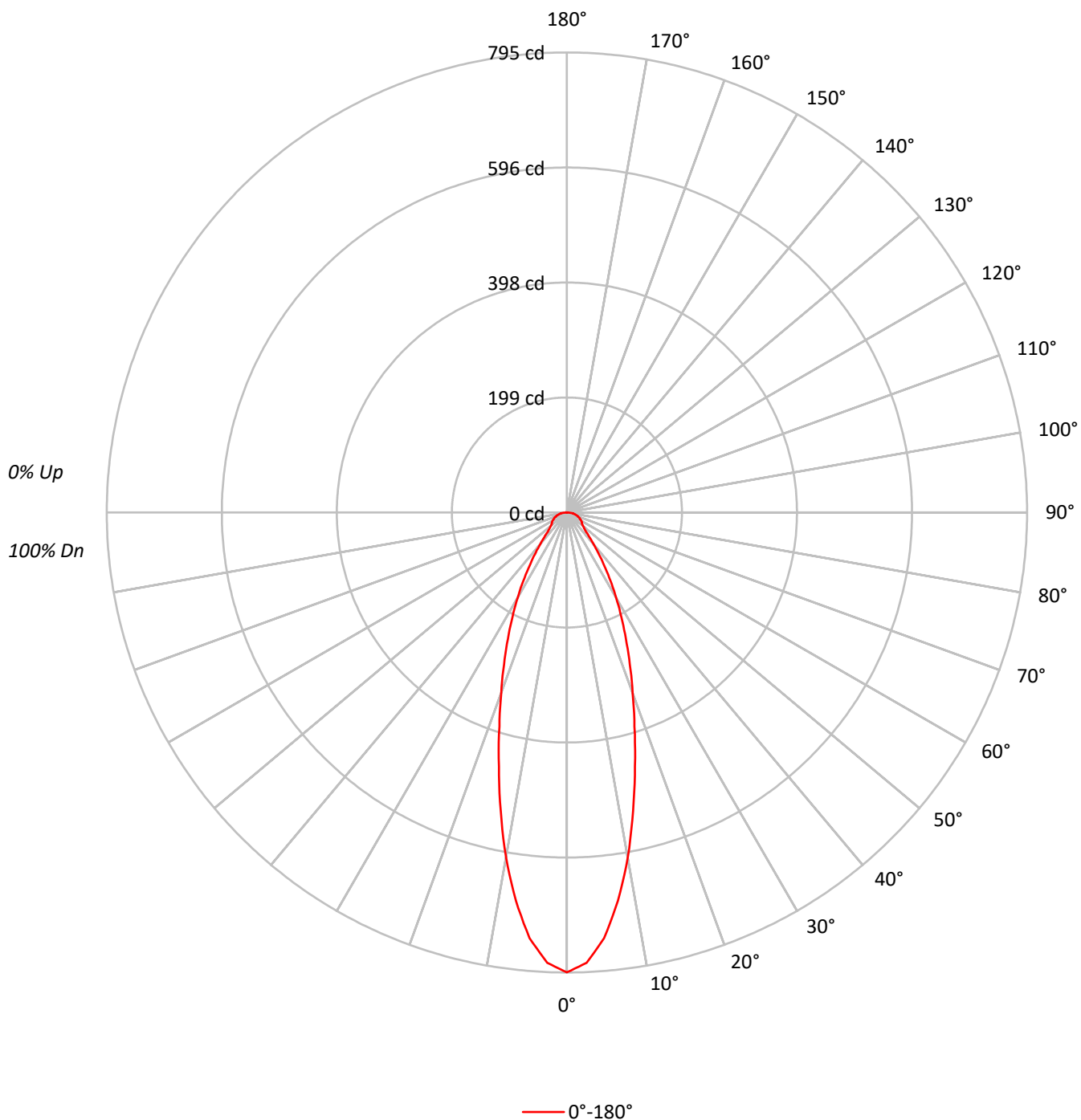
Lumens per Lamp: N/A
Luminaire Lumens: 490.0 lumens
Efficiency: N/A
Efficacy: 33.6 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	112	108	105	102	109	106	103	101	102	100	97		98	96	95		90
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		81
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		74
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		68
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		63
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		59
7	79	69	63	58	78	68	62	58	67	62	57		66	61	57		55
8	76	65	59	54	74	65	58	54	64	58	54		62	57	54		52
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		49
10	69	59	52	48	68	58	52	48	57	52	48		57	52	48		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	174240
5°	162535
10°	134867
15°	103133
20°	77403
25°	58261
30°	43095
35°	30115
40°	20639
45°	14296
50°	12315
55°	12119
60°	12631
65°	12712
70°	12951
75°	13471
80°	14522
85°	14593

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 16968 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.2	13.5
10°-20°	126.3	25.8
20°-30°	111.1	22.7
30°-40°	71.7	14.6
40°-50°	38.0	7.8
50°-60°	28.6	5.8
60°-70°	24.3	5.0
70°-80°	17.1	3.5
80°-90°	6.7	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°	303.6	62.0
0°-40°	375.3	76.6
0°-60°	441.9	90.2
0°-90°	490.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	490.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	795	
5°	738	66
15°	454	126
25°	241	111
35°	112	72
45°	46	38
55°	32	29
65°	24	24
75°	16	17
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	794.6
2.5°	778.8
5°	738.4
7.5°	676.4
10°	605.7
12.5°	527.8
15°	454.3
17.5°	387.9
20°	331.7
22.5°	284.1
25°	240.8
27.5°	203.3
30°	170.2
32.5°	139.9
35°	112.5
37.5°	90.9
40°	72.1
42.5°	57.7
45°	46.1
47.5°	40.4
50°	36.1
52.5°	33.2
55°	31.7
57.5°	30.3
60°	28.8
62.5°	26.0
65°	24.5
67.5°	23.1
70°	20.2
72.5°	18.7
75°	15.9
77.5°	14.4
80°	11.5
82.5°	10.1
85°	5.8
87.5°	2.9
90°	0.0

(END OF REPORT)