

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: P1259927

Luminaire Tested: P3AS13R209050DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259927
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: P3AS13R209050DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

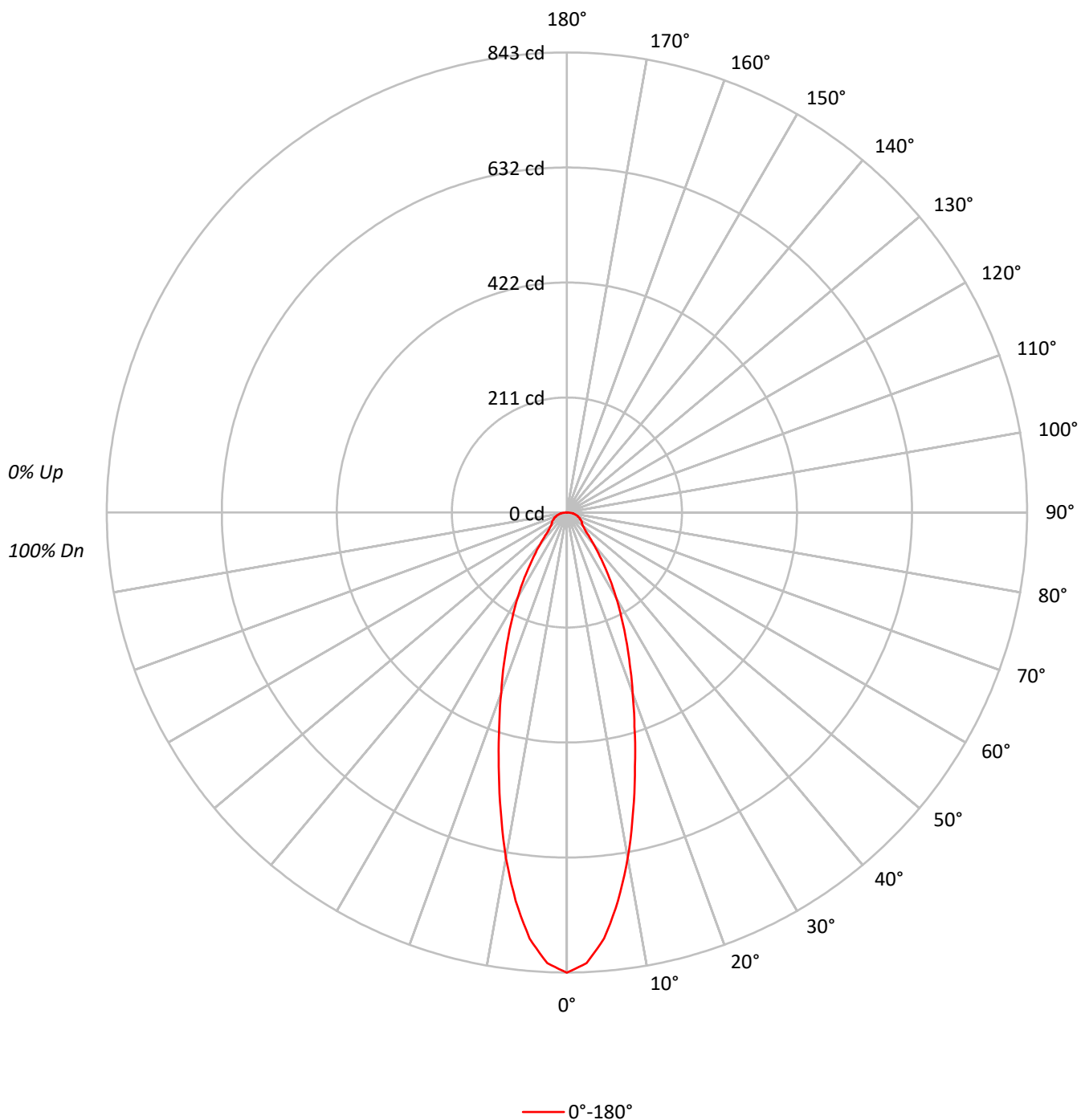
Lumens per Lamp: N/A
Luminaire Lumens: 520.0 lumens
Efficiency: N/A
Efficacy: 35.6 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61
7	79	69	63	58	78	68	62	58	67	62	57	66	61	57	65	60	57
8	76	65	59	54	74	65	58	54	64	58	54	62	57	54	61	57	53
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50
10	69	59	52	48	68	58	52	48	57	52	48	57	52	48	56	51	48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	184919
5°	172485
10°	143128
15°	109444
20°	82140
25°	61842
30°	45729
35°	31962
40°	21898
45°	15195
50°	13066
55°	12884
60°	13420
65°	13490
70°	13720
75°	14234
80°	15406
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°	70.2	13.5
10°-20°	134.1	25.8
20°-30°	117.9	22.7
30°-40°	76.1	14.6
40°-50°	40.4	7.8
50°-60°	30.3	5.8
60°-70°	25.8	5.0
70°-80°	18.2	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°	322.2	62.0
0°-40°	398.3	76.6
0°-60°	469.0	90.2
0°-90°	520.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	520.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	843	
5°	784	70
15°	482	134
25°	256	118
35°	119	76
45°	49	40
55°	34	30
65°	26	26
75°	17	18
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	843.3
2.5°	826.5
5°	783.6
7.5°	717.8
10°	642.8
12.5°	560.2
15°	482.1
17.5°	411.7
20°	352.0
22.5°	301.5
25°	255.6
27.5°	215.8
30°	180.6
32.5°	148.5
35°	119.4
37.5°	96.4
40°	76.5
42.5°	61.2
45°	49.0
47.5°	42.9
50°	38.3
52.5°	35.2
55°	33.7
57.5°	32.1
60°	30.6
62.5°	27.5
65°	26.0
67.5°	24.5
70°	21.4
72.5°	19.9
75°	16.8
77.5°	15.3
80°	12.2
82.5°	10.7
85°	6.1
87.5°	3.1
90°	0.0

(END OF REPORT)