

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: P1257330

Luminaire Tested: P3AS13R209040DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257330
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: P3AS13R209040DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

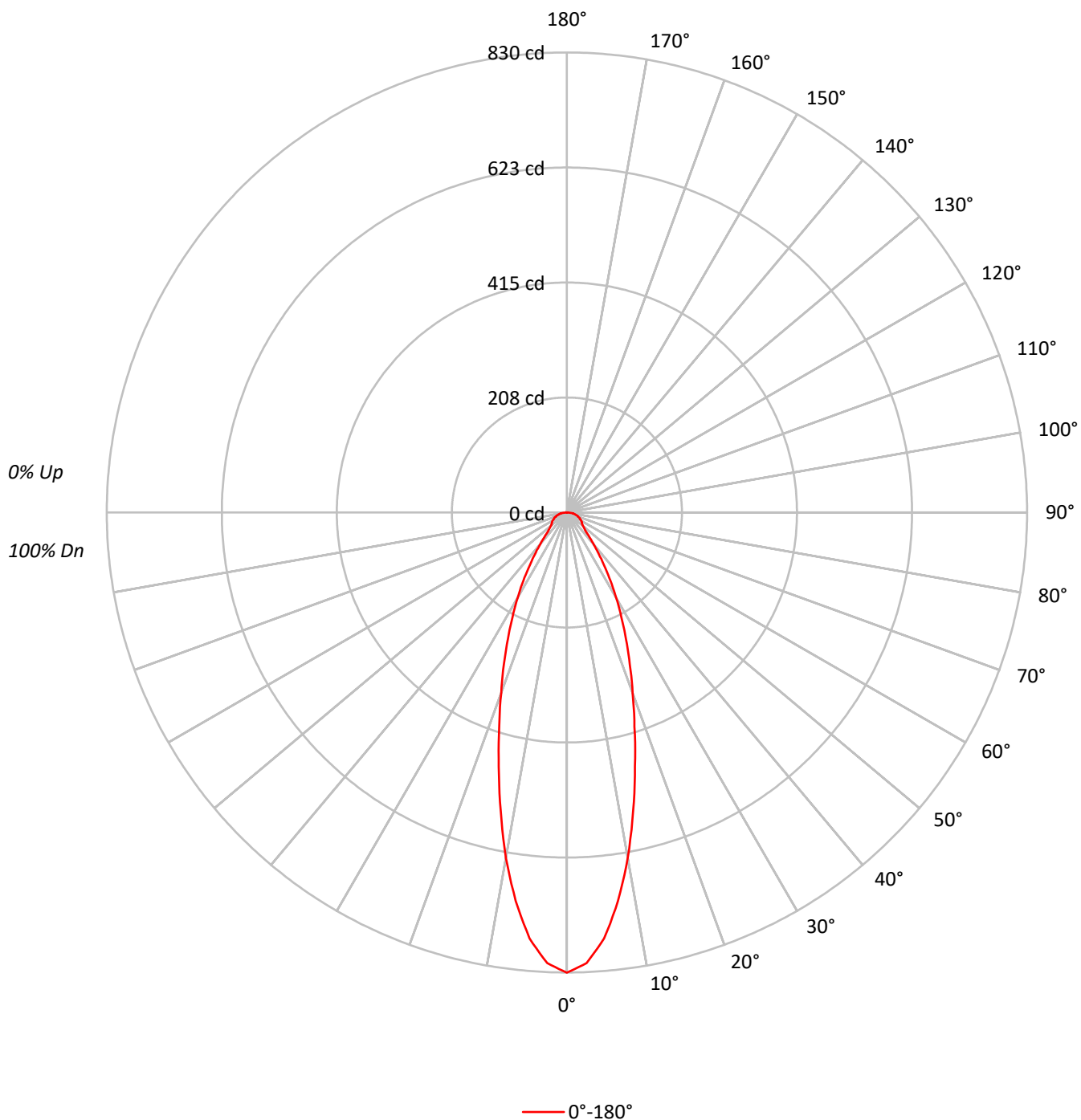
Lumens per Lamp: N/A
Luminaire Lumens: 512.0 lumens
Efficiency: N/A
Efficacy: 35.1 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	62	57		66	61	57		65
8	76	65	59	54	74	65	58	54	64	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		57	52	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	182069
5°	169821
10°	140924
15°	107765
20°	80880
25°	60899
30°	45020
35°	31454
40°	21555
45°	14947
50°	12861
55°	12692
60°	13201
65°	13283
70°	13528
75°	14064
80°	15280
85°	15096

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 17640 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.1	13.5
10°-20°	132.0	25.8
20°-30°	116.1	22.7
30°-40°	74.9	14.6
40°-50°	39.7	7.8
50°-60°	29.9	5.8
60°-70°	25.4	5.0
70°-80°	17.9	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°	317.2	62.0
0°-40°	392.2	76.6
0°-60°	461.8	90.2
0°-90°	512.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	512.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	830	
5°	772	69
15°	475	132
25°	252	116
35°	118	75
45°	48	40
55°	33	30
65°	26	25
75°	17	18
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	830.3
2.5°	813.7
5°	771.5
7.5°	706.7
10°	632.9
12.5°	551.5
15°	474.7
17.5°	405.4
20°	346.6
22.5°	296.9
25°	251.7
27.5°	212.5
30°	177.8
32.5°	146.2
35°	117.5
37.5°	94.9
40°	75.3
42.5°	60.3
45°	48.2
47.5°	42.2
50°	37.7
52.5°	34.7
55°	33.2
57.5°	31.6
60°	30.1
62.5°	27.1
65°	25.6
67.5°	24.1
70°	21.1
72.5°	19.6
75°	16.6
77.5°	15.1
80°	12.1
82.5°	10.5
85°	6.0
87.5°	3.0
90°	0.0

(END OF REPORT)