

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: P1260335

Luminaire Tested: P3AS17R259050DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260335
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: P3AS17R259050DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

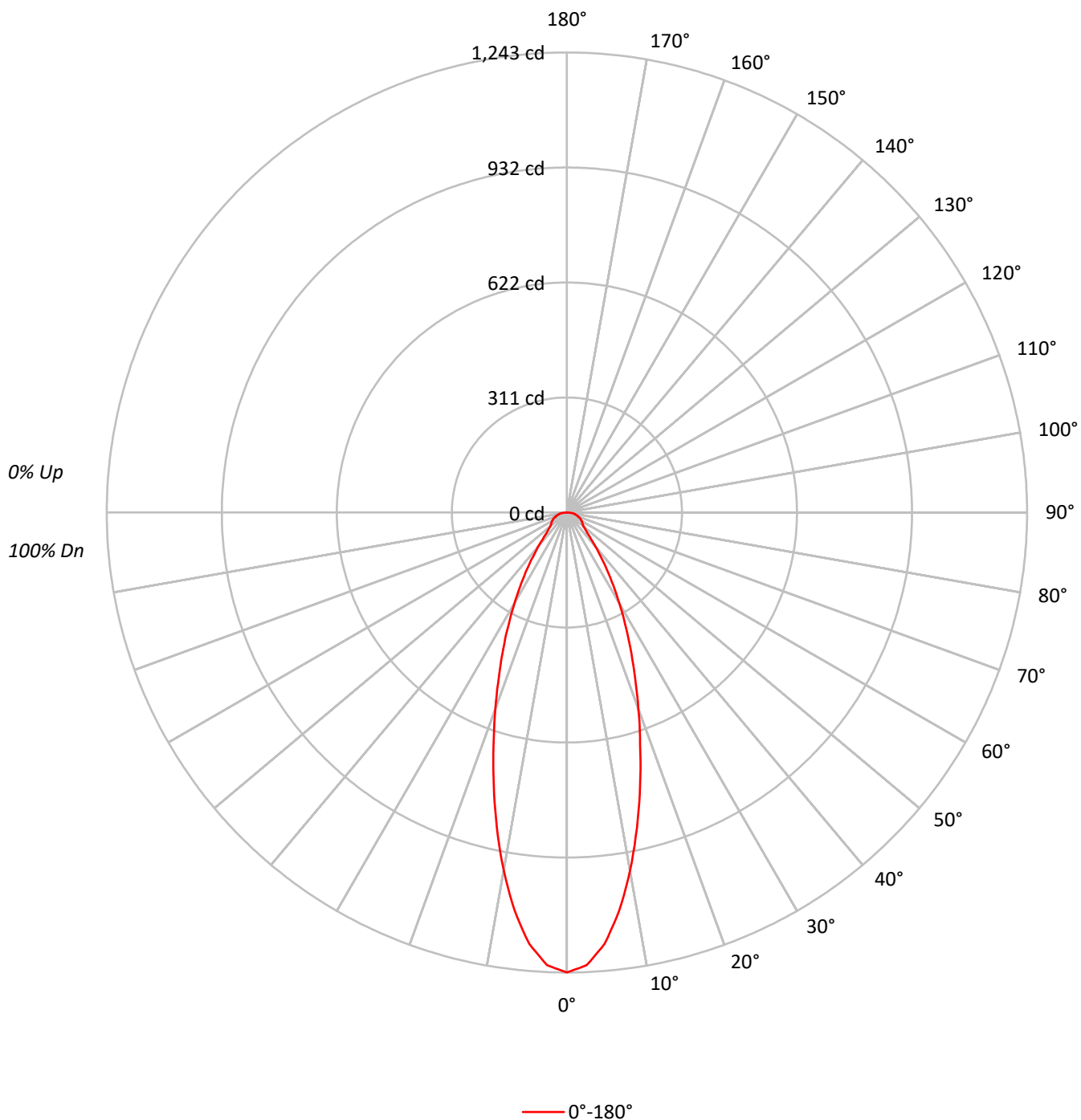
Lumens per Lamp: N/A
Luminaire Lumens: 811.0 lumens
Efficiency: N/A
Efficacy: 38.3 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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°	272500
5°	257450
10°	218834
15°	173327
20°	131728
25°	98256
30°	71454
35°	50540
40°	34293
45°	23940
50°	20093
55°	19421
60°	20481
65°	21066
70°	20837
75°	22367
80°	25635
85°	25663

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 27216 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.6	13.0
10°-20°	211.3	26.1
20°-30°	187.1	23.1
30°-40°	119.2	14.7
40°-50°	63.1	7.8
50°-60°	46.3	5.7
60°-70°	39.4	4.9
70°-80°	27.9	3.4
80°-90°	11.1	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°	504.0	62.1
0°-40°	623.2	76.8
0°-60°	732.6	90.3
0°-90°	811.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	811.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1243	
5°	1170	106
15°	764	211
25°	406	187
35°	189	119
45°	77	63
55°	51	46
65°	41	39
75°	26	28
85°	10	11
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1242.7
2.5°	1224.4
5°	1169.6
7.5°	1084.3
10°	982.8
12.5°	873.1
15°	763.5
17.5°	657.9
20°	564.5
22.5°	479.2
25°	406.1
27.5°	341.1
30°	282.2
32.5°	231.5
35°	188.8
37.5°	150.3
40°	119.8
42.5°	95.4
45°	77.2
47.5°	67.0
50°	58.9
52.5°	54.8
55°	50.8
57.5°	48.7
60°	46.7
62.5°	42.6
65°	40.6
67.5°	36.5
70°	32.5
72.5°	30.5
75°	26.4
77.5°	22.3
80°	20.3
82.5°	16.2
85°	10.2
87.5°	4.1
90°	0.0

(END OF REPORT)