

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: P1251133

Luminaire Tested: P3AS05R209030DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251133
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: P3AS05R209030DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

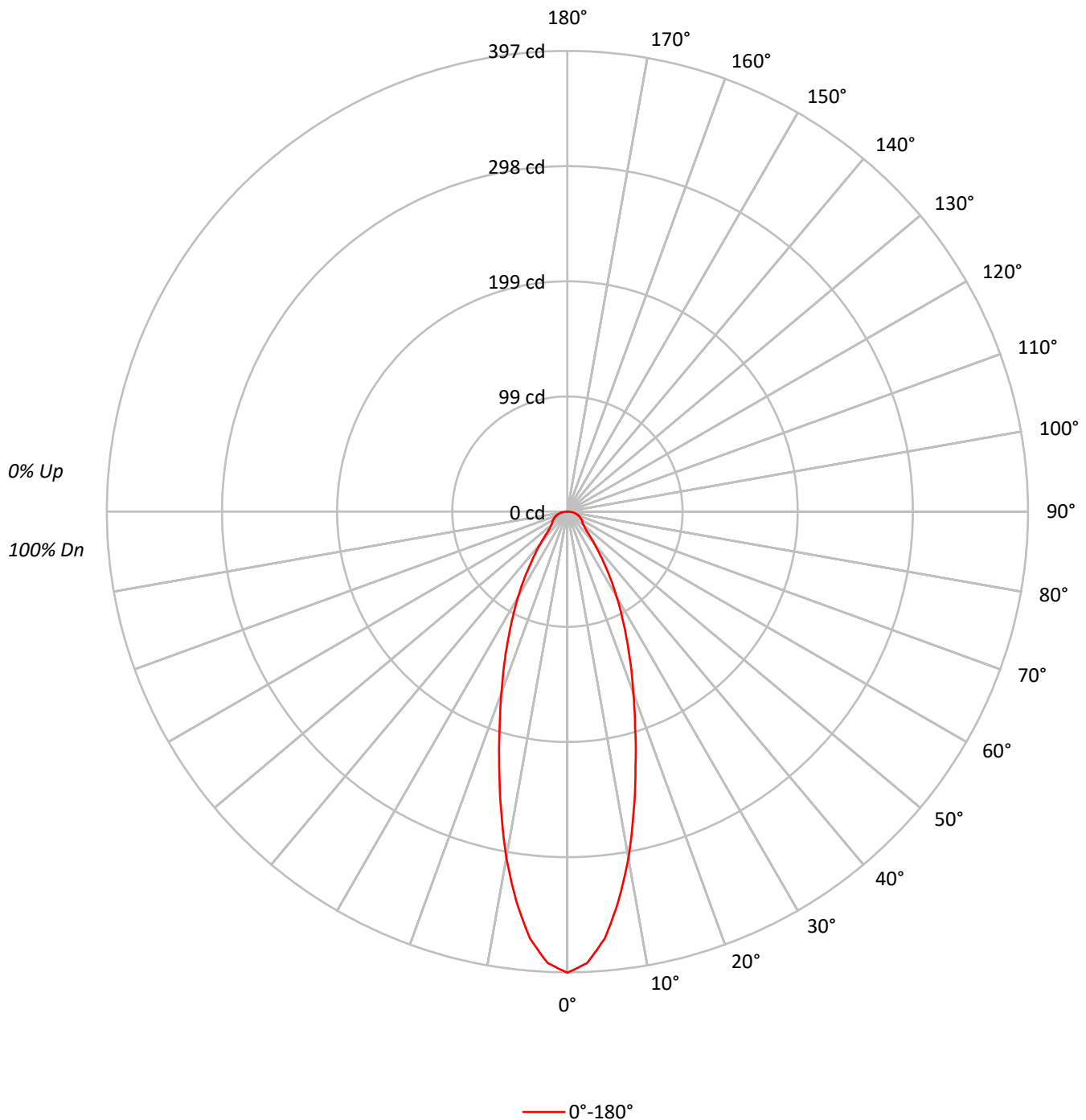
Lumens per Lamp: N/A
Luminaire Lumens: 245.0 lumens
Efficiency: N/A
Efficacy: 34.0 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	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°	87120
5°	81268
10°	67445
15°	51555
20°	38713
25°	29131
30°	21548
35°	15044
40°	10334
45°	7164
50°	6141
55°	6079
60°	6315
65°	6382
70°	6475
75°	6693
80°	7324
85°	7296

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 8400 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.1	13.5
10°-20°	63.2	25.8
20°-30°	55.6	22.7
30°-40°	35.9	14.6
40°-50°	19.0	7.8
50°-60°	14.3	5.8
60°-70°	12.1	5.0
70°-80°	8.6	3.5
80°-90°	3.3	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°	151.8	62.0
0°-40°	187.7	76.6
0°-60°	220.9	90.2
0°-90°	245.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	245.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	397	
5°	369	33
15°	227	63
25°	120	56
35°	56	36
45°	23	19
55°	16	14
65°	12	12
75°	8	9
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	397.3
2.5°	389.4
5°	369.2
7.5°	338.2
10°	302.9
12.5°	263.9
15°	227.1
17.5°	194.0
20°	165.9
22.5°	142.1
25°	120.4
27.5°	101.7
30°	85.1
32.5°	69.9
35°	56.2
37.5°	45.4
40°	36.1
42.5°	28.8
45°	23.1
47.5°	20.2
50°	18.0
52.5°	16.6
55°	15.9
57.5°	15.1
60°	14.4
62.5°	13.0
65°	12.3
67.5°	11.5
70°	10.1
72.5°	9.4
75°	7.9
77.5°	7.2
80°	5.8
82.5°	5.0
85°	2.9
87.5°	1.4
90°	0.0

(END OF REPORT)