

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: P1253872

Luminaire Tested: P3AS05R259035DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253872
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: P3AS05R259035DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

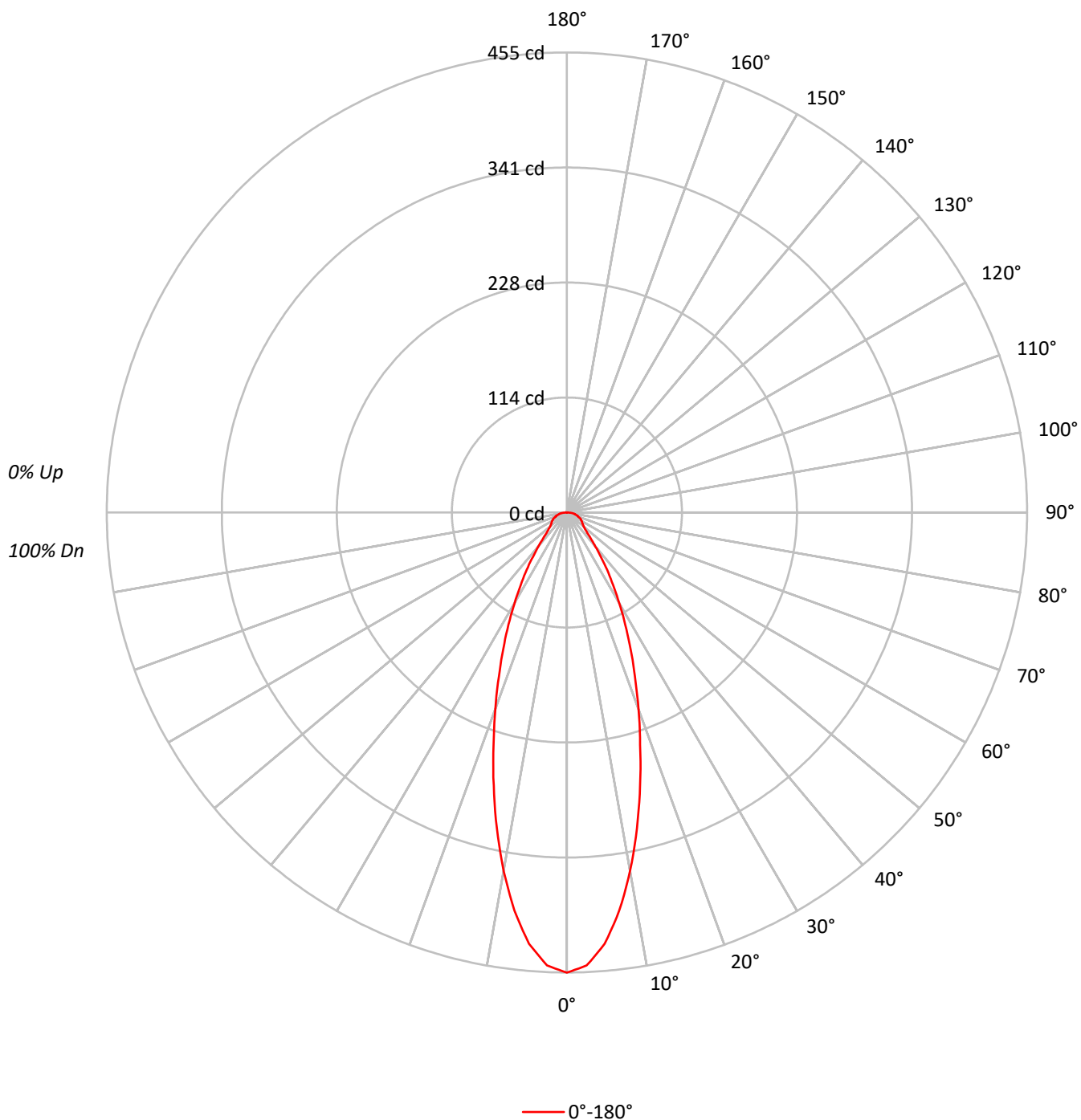
Lumens per Lamp: N/A
Luminaire Lumens: 297.0 lumens
Efficiency: N/A
Efficacy: 41.3 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	99795
5°	94277
10°	80137
15°	63474
20°	48234
25°	35978
30°	26181
35°	18524
40°	12566
45°	8776
50°	7369
55°	7111
60°	7499
65°	7731
70°	7629
75°	8218
80°	9345
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 82.5°
Luminance: 9912 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.7	13.0
10°-20°	77.4	26.1
20°-30°	68.5	23.1
30°-40°	43.7	14.7
40°-50°	23.1	7.8
50°-60°	17.0	5.7
60°-70°	14.5	4.9
70°-80°	10.2	3.4
80°-90°	4.0	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°	184.6	62.1
0°-40°	228.2	76.8
0°-60°	268.3	90.3
0°-90°	297.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	297.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	455	
5°	428	39
15°	280	77
25°	149	69
35°	69	44
45°	28	23
55°	19	17
65°	15	14
75°	10	10
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	455.1
2.5°	448.4
5°	428.3
7.5°	397.1
10°	359.9
12.5°	319.8
15°	279.6
17.5°	240.9
20°	206.7
22.5°	175.5
25°	148.7
27.5°	124.9
30°	103.4
32.5°	84.8
35°	69.2
37.5°	55.0
40°	43.9
42.5°	34.9
45°	28.3
47.5°	24.5
50°	21.6
52.5°	20.1
55°	18.6
57.5°	17.8
60°	17.1
62.5°	15.6
65°	14.9
67.5°	13.4
70°	11.9
72.5°	11.2
75°	9.7
77.5°	8.2
80°	7.4
82.5°	5.9
85°	3.7
87.5°	1.5
90°	0.0

(END OF REPORT)