

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: P1288701

Luminaire Tested: P3A05R25W2N902765DE010 E3PHLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288701
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: P3A05R25W2N902765DE010 E3PHLP1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

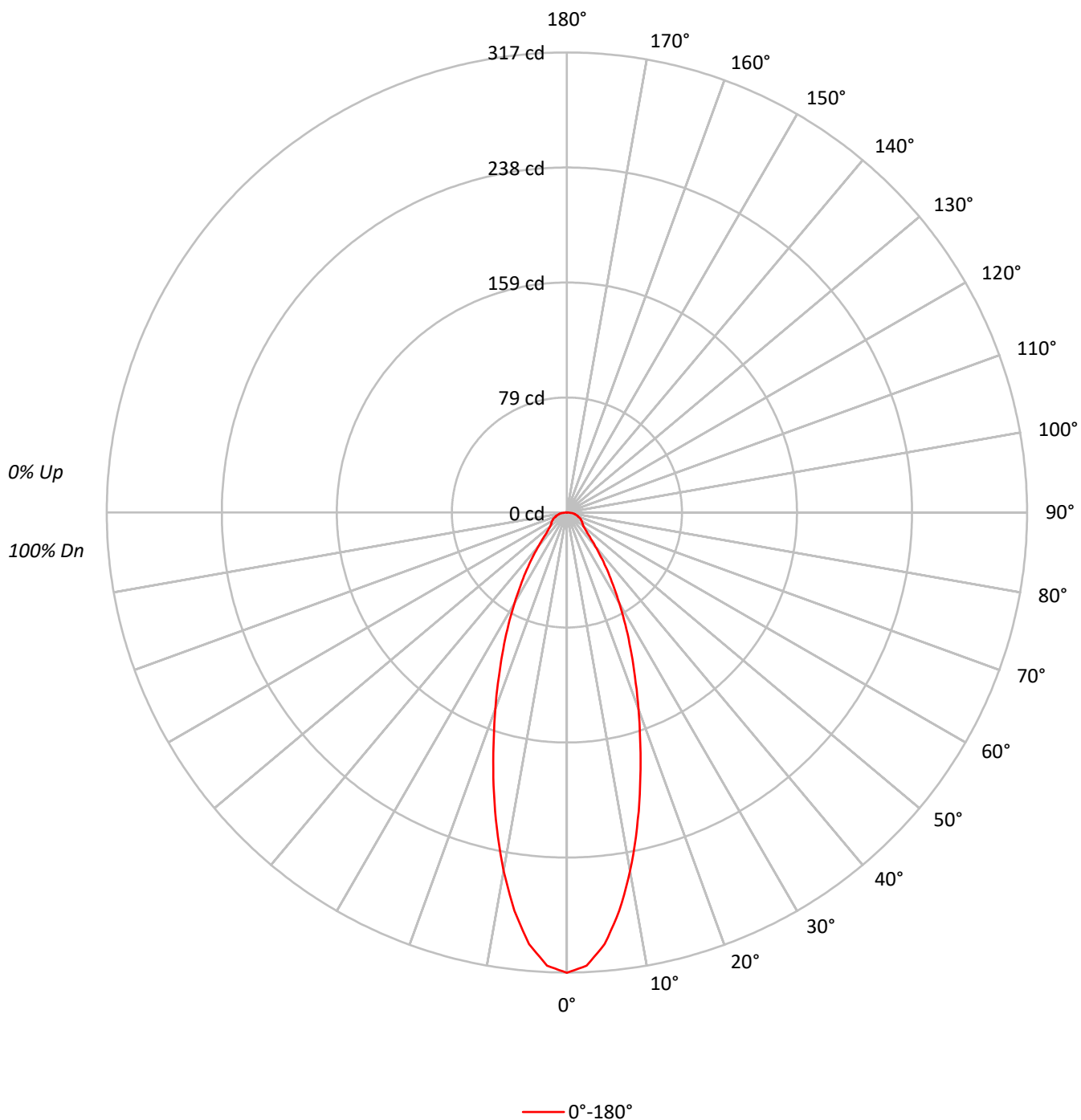
Lumens per Lamp: N/A
Luminaire Lumens: 207.0 lumens
Efficiency: N/A
Efficacy: 35.1 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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				20				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0				0				0
RCR																													
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100											100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90											90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81											81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74											74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68											68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63											63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59											59
7	79	69	63	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55											55
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52											52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49											49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46											46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	69556
5°	65705
10°	55844
15°	44245
20°	33626
25°	25090
30°	18231
35°	12903
40°	8759
45°	6109
50°	5117
55°	4970
60°	5219
65°	5396
70°	5321
75°	5676
80°	6566
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 6888 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.9	13.0
10°-20°	53.9	26.1
20°-30°	47.8	23.1
30°-40°	30.4	14.7
40°-50°	16.1	7.8
50°-60°	11.8	5.7
60°-70°	10.1	4.9
70°-80°	7.1	3.4
80°-90°	2.8	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°	128.7	62.1
0°-40°	159.1	76.8
0°-60°	187.0	90.3
0°-90°	207.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	207.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	317	
5°	298	27
15°	195	54
25°	104	48
35°	48	30
45°	20	16
55°	13	12
65°	10	10
75°	7	7
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	317.2
2.5°	312.5
5°	298.5
7.5°	276.8
10°	250.8
12.5°	222.9
15°	194.9
17.5°	167.9
20°	144.1
22.5°	122.3
25°	103.7
27.5°	87.1
30°	72.0
32.5°	59.1
35°	48.2
37.5°	38.4
40°	30.6
42.5°	24.4
45°	19.7
47.5°	17.1
50°	15.0
52.5°	14.0
55°	13.0
57.5°	12.4
60°	11.9
62.5°	10.9
65°	10.4
67.5°	9.3
70°	8.3
72.5°	7.8
75°	6.7
77.5°	5.7
80°	5.2
82.5°	4.1
85°	2.6
87.5°	1.0
90°	0.0

(END OF REPORT)