

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: P1287873

Luminaire Tested: P3A05R15W2N902750DE010 E3PHLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287873
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R15W2N902750DE010 E3PHLP1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

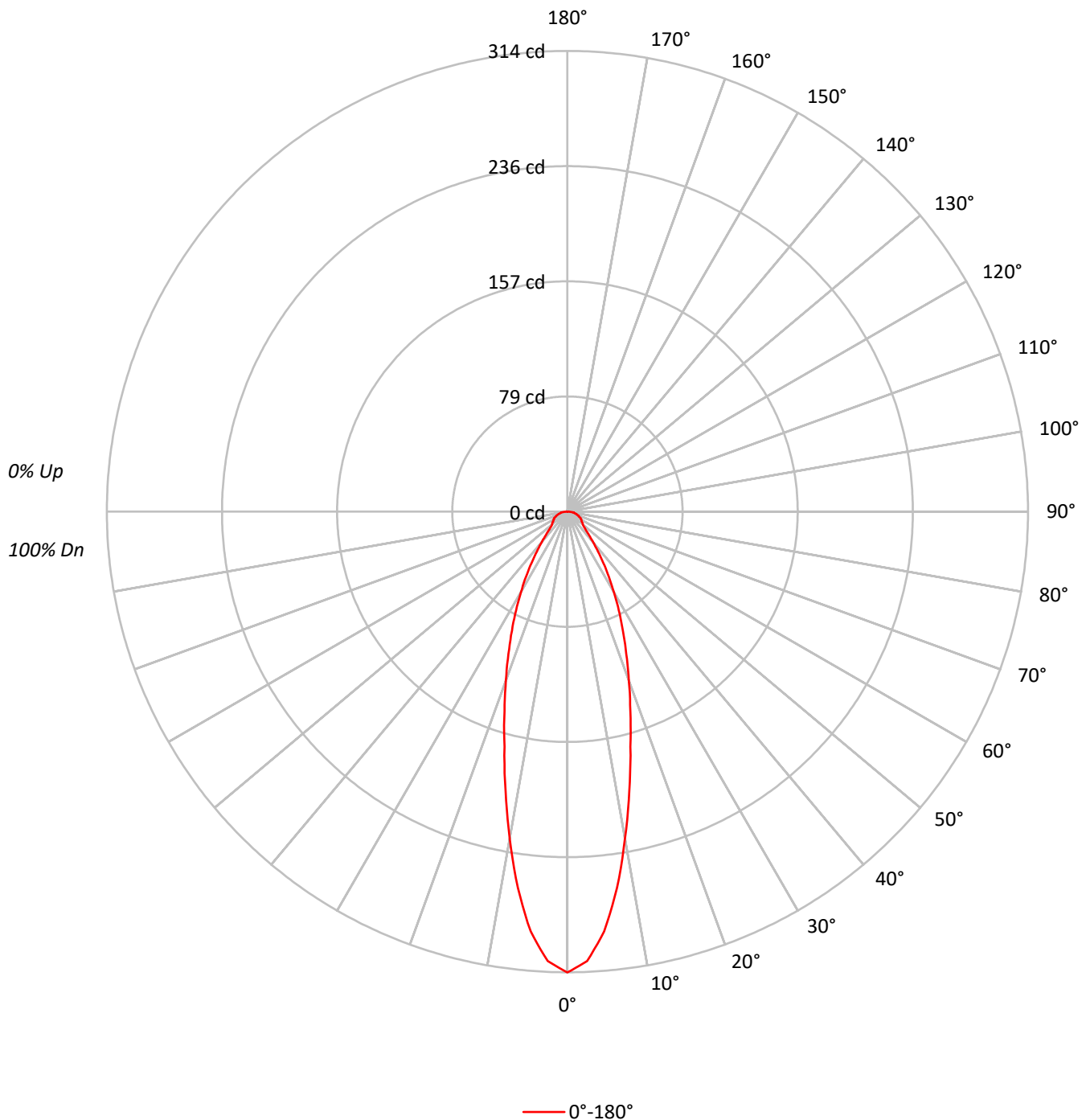
Lumens per Lamp: N/A
Luminaire Lumens: 184.0 lumens
Efficiency: N/A
Efficacy: 31.2 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	92	92	90
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	83	83	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	76	76	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	70	70	68
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	65	65	63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	60	60	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	57	57	55
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	53	53	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	50	50	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	48	48	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	68876
5°	63240
10°	50389
15°	37662
20°	28586
25°	21654
30°	16028
35°	11430
40°	7843
45°	5489
50°	4674
55°	4588
60°	4736
65°	5033
70°	5129
75°	5338
80°	5809
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 82.5°
Luminance: 6720 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.4	13.8
10°-20°	46.5	25.3
20°-30°	41.2	22.4
30°-40°	27.0	14.7
40°-50°	14.4	7.9
50°-60°	10.9	5.9
60°-70°	9.4	5.1
70°-80°	6.5	3.5
80°-90°	2.6	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°	113.2	61.5
0°-40°	140.2	76.2
0°-60°	165.5	90.0
0°-90°	184.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	184.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	314	
5°	287	25
15°	166	47
25°	90	41
35°	43	27
45°	18	14
55°	12	11
65°	10	9
75°	6	6
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	314.1
2.5°	306.7
5°	287.3
7.5°	258.8
10°	226.3
12.5°	194.9
15°	165.9
17.5°	142.5
20°	122.5
22.5°	104.9
25°	89.5
27.5°	75.8
30°	63.3
32.5°	52.4
35°	42.7
37.5°	34.2
40°	27.4
42.5°	21.7
45°	17.7
47.5°	15.4
50°	13.7
52.5°	13.1
55°	12.0
57.5°	11.4
60°	10.8
62.5°	10.3
65°	9.7
67.5°	8.5
70°	8.0
72.5°	6.8
75°	6.3
77.5°	5.1
80°	4.6
82.5°	4.0
85°	2.3
87.5°	1.1
90°	0.0

(END OF REPORT)