

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: P1287874

Luminaire Tested: P3A05R15W2N902750DE010 E3PHLP1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287874
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_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3500K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

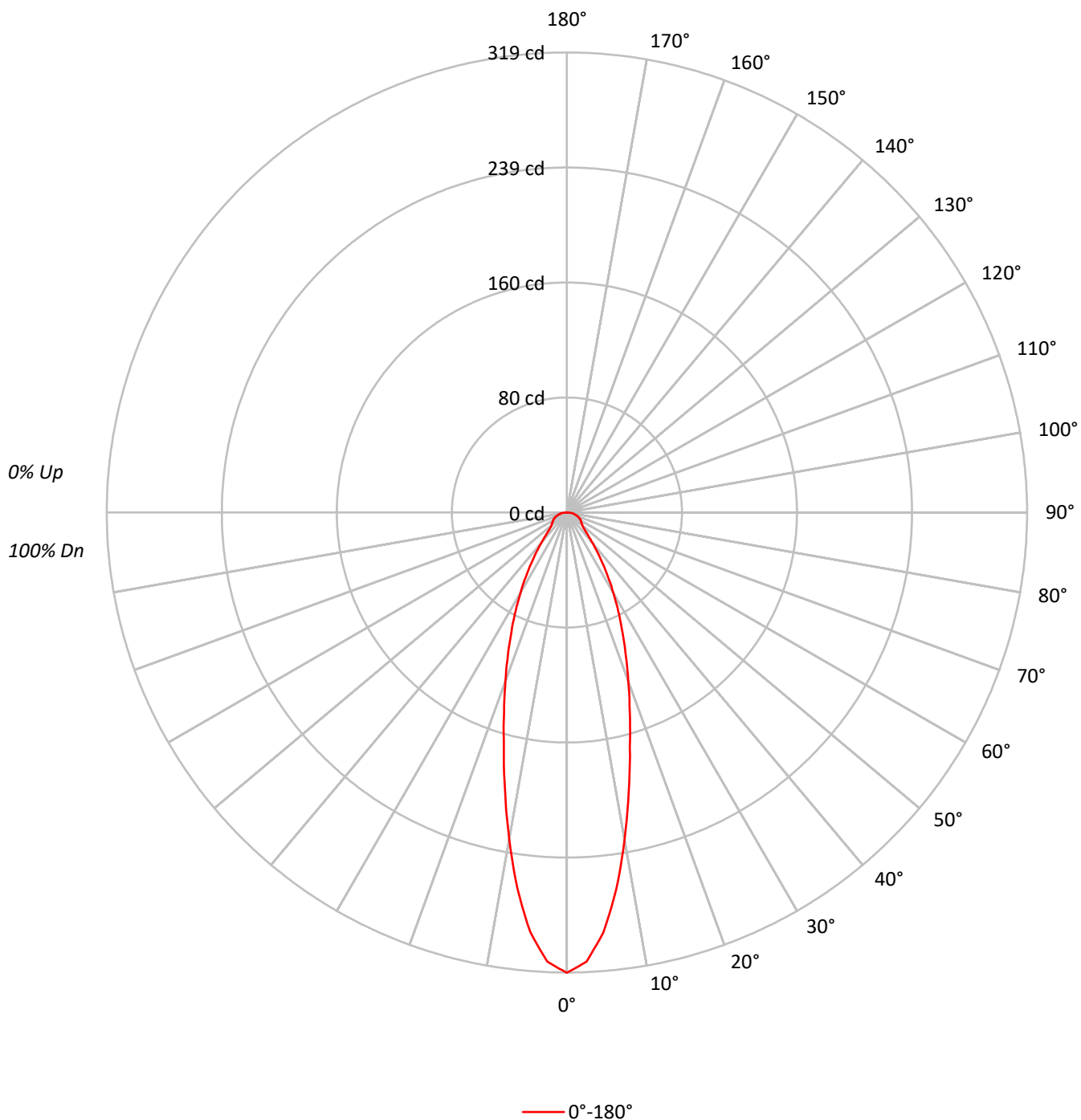
Lumens per Lamp: N/A
Luminaire Lumens: 187.0 lumens
Efficiency: N/A
Efficacy: 31.7 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	69994
5°	64275
10°	51213
15°	38275
20°	29053
25°	21993
30°	16281
35°	11618
40°	7958
45°	5582
50°	4742
55°	4664
60°	4824
65°	5085
70°	5193
75°	5422
80°	5809
85°	5787

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°	25.9	13.8
10°-20°	47.3	25.3
20°-30°	41.9	22.4
30°-40°	27.4	14.7
40°-50°	14.7	7.8
50°-60°	11.1	5.9
60°-70°	9.5	5.1
70°-80°	6.6	3.5
80°-90°	2.7	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°	115.0	61.5
0°-40°	142.5	76.2
0°-60°	168.2	89.9
0°-90°	187.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	187.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	319	
5°	292	26
15°	169	47
25°	91	42
35°	43	27
45°	18	15
55°	12	11
65°	10	10
75°	6	7
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	319.2
2.5°	311.7
5°	292.0
7.5°	263.0
10°	230.0
12.5°	198.1
15°	168.6
17.5°	144.8
20°	124.5
22.5°	106.6
25°	90.9
27.5°	77.0
30°	64.3
32.5°	53.3
35°	43.4
37.5°	34.8
40°	27.8
42.5°	22.0
45°	18.0
47.5°	15.6
50°	13.9
52.5°	13.3
55°	12.2
57.5°	11.6
60°	11.0
62.5°	10.4
65°	9.8
67.5°	8.7
70°	8.1
72.5°	7.0
75°	6.4
77.5°	5.2
80°	4.6
82.5°	4.1
85°	2.3
87.5°	1.2
90°	0.0

(END OF REPORT)