

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: P1292659

Luminaire Tested: P3A09R30W2N902750DE010 E3PHLP1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292659
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R30W2N902750DE010 E3PHLP1MW_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3500K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

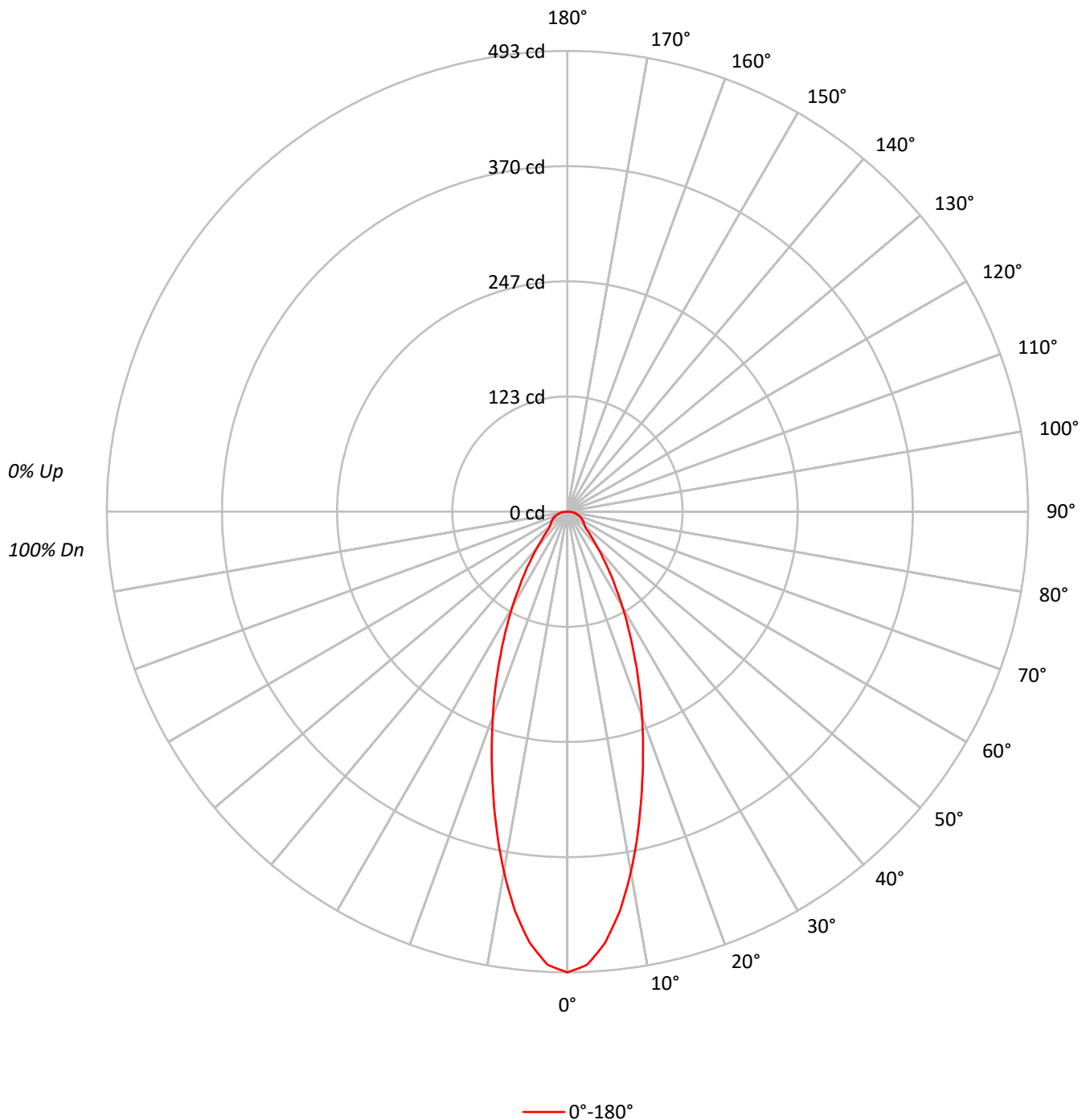
Lumens per Lamp: N/A
Luminaire Lumens: 333.0 lumens
Efficiency: N/A
Efficacy: 37.0 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1292659

CATALOG NUMBER: P3A09R30W2N902750DE010 E3PHLP1MW_3500K

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	94		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	57	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	108127
5°	101959
10°	87150
15°	69830
20°	54441
25°	40938
30°	29853
35°	21041
40°	14427
45°	10327
50°	8460
55°	8181
60°	8245
65°	8406
70°	8784
75°	9404
80°	9723
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 11424 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.9	12.6
10°-20°	85.5	25.7
20°-30°	77.9	23.4
30°-40°	49.6	14.9
40°-50°	26.5	8.0
50°-60°	19.4	5.8
60°-70°	16.3	4.9
70°-80°	11.4	3.4
80°-90°	4.5	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°	205.3	61.6
0°-40°	254.9	76.5
0°-60°	300.8	90.3
0°-90°	333.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	333.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	493	
5°	463	42
15°	308	85
25°	169	78
35°	79	50
45°	33	27
55°	21	19
65°	16	16
75°	11	11
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	493.1
2.5°	485.4
5°	463.2
7.5°	430.7
10°	391.4
12.5°	349.5
15°	307.6
17.5°	269.2
20°	233.3
22.5°	200.0
25°	169.2
27.5°	141.9
30°	117.9
32.5°	95.7
35°	78.6
37.5°	62.4
40°	50.4
42.5°	40.2
45°	33.3
47.5°	27.3
50°	24.8
52.5°	23.1
55°	21.4
57.5°	20.5
60°	18.8
62.5°	17.9
65°	16.2
67.5°	15.4
70°	13.7
72.5°	12.0
75°	11.1
77.5°	9.4
80°	7.7
82.5°	6.8
85°	4.3
87.5°	1.7
90°	0.0

(END OF REPORT)