

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: P1288819

Luminaire Tested: P3A05R30W2N902750DE010 E3DLD1WMH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288819
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R30W2N902750DE010 E3DLD1WMH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3500K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

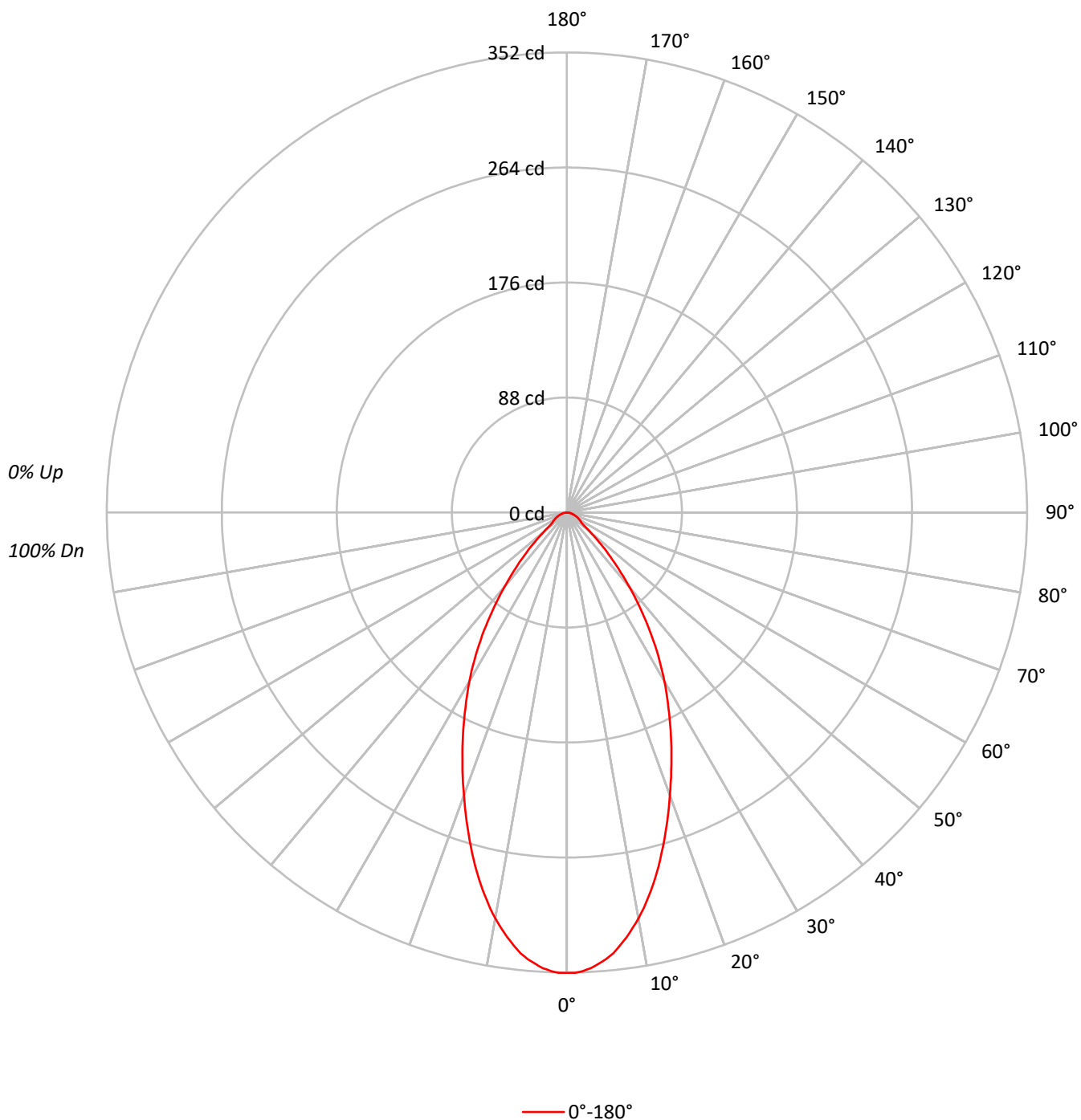
Lumens per Lamp: N/A
Luminaire Lumens: 326.9 lumens
Efficiency: N/A
Efficacy: 55.4 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1288819

CATALOG NUMBER: P3A05R30W2N902750DE010 E3DLD1WMH_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	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	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76		
4	94	86	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70		
5	89	79	73	68	87	78	72	68	77	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48		
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	77253
5°	75523
10°	70228
15°	62498
20°	53741
25°	45535
30°	37803
35°	29634
40°	21240
45°	13924
50°	7949
55°	5199
60°	4912
65°	4566
70°	4103
75°	3728
80°	3536
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 13924 cd/sqm

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CATALOG NUMBER: P3A05R30W2N902750DE010 E3DLD1WMH_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.8	9.7
10°-20°	76.5	23.4
20°-30°	86.2	26.4
30°-40°	68.9	21.1
40°-50°	35.4	10.8
50°-60°	13.3	4.1
60°-70°	8.7	2.7
70°-80°	4.7	1.4
80°-90°	1.4	0.4
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°	194.6	59.5
0°-40°	263.5	80.6
0°-60°	312.2	95.5
0°-90°	326.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	326.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	352	
5°	343	32
15°	275	77
25°	188	86
35°	111	69
45°	45	35
55°	14	13
65°	9	9
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	352.3
1°	352.3
2°	351.1
3°	349.1
4°	346.3
5°	343.1
6°	339.1
7°	333.8
8°	328.2
9°	321.8
10°	315.4
11°	308.2
12°	300.5
13°	292.5
14°	284.1
15°	275.3
17.5°	252.8
20°	230.3
22.5°	208.7
25°	188.2
27.5°	168.1
30°	149.3
32.5°	130.0
35°	110.7
37.5°	91.9
40°	74.2
42.5°	58.6
45°	44.9
47.5°	33.3
50°	23.3
52.5°	16.5
55°	13.6
57.5°	12.4
60°	11.2
62.5°	10.0
65°	8.8
67.5°	7.6
70°	6.4
72.5°	5.2
75°	4.4
77.5°	3.6
80°	2.8
82.5°	2.0
85°	1.2
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)