

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: P1289151

Luminaire Tested: P3A05R35W2N902750DE010 E3DLD1WMH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289151
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R35W2N902750DE010 E3DLD1WMH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

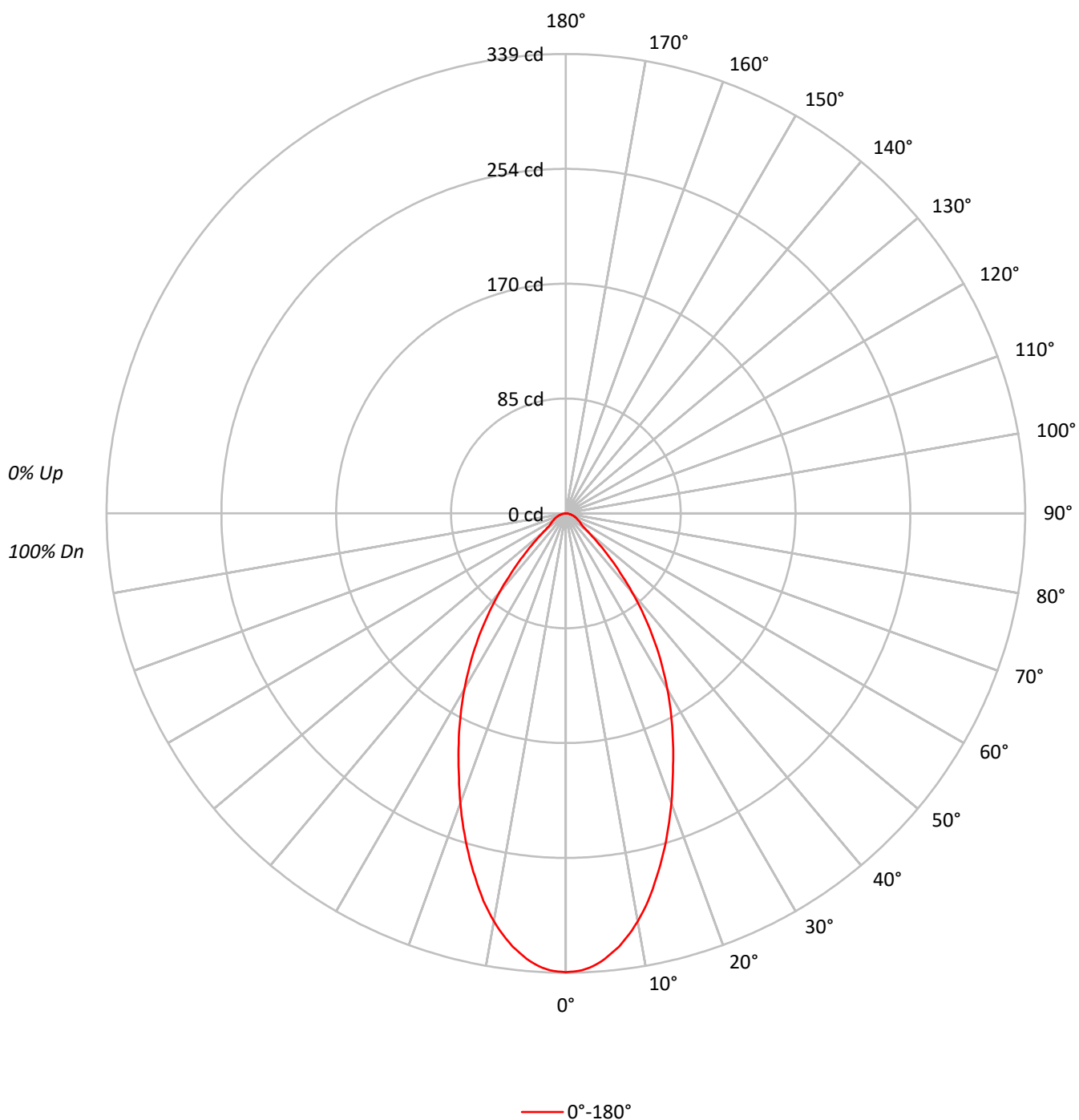
Lumens per Lamp: N/A
Luminaire Lumens: 325.0 lumens
Efficiency: N/A
Efficacy: 55.1 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10		0			
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	104	102		103	101	99		99	98	96		96	94	93		91			
2	106	100	96	92		104	98	94	91		95	92	89		92	89	87		89	87	85		83			
3	100	92	87	82		98	91	86	81		88	84	80		86	82	79		83	80	78		76			
4	94	85	79	74		92	84	78	74		82	77	73		80	75	72		78	74	71		69			
5	89	79	73	68		87	78	72	67		76	71	67		75	70	66		73	69	66		64			
6	84	74	67	62		82	73	67	62		71	66	61		70	65	61		68	64	61		59			
7	79	69	62	57		78	68	62	57		67	61	57		65	60	57		64	60	56		55			
8	75	64	58	53		74	64	57	53		63	57	53		62	56	53		61	56	52		51			
9	71	60	54	50		70	60	54	50		59	53	49		58	53	49		57	52	49		48			
10	67	57	51	46		66	56	50	46		56	50	46		55	50	46		54	49	46		45			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	74248
5°	72661
10°	68046
15°	61090
20°	53135
25°	45293
30°	37930
35°	30222
40°	21841
45°	13831
50°	7539
55°	5238
60°	4912
65°	4566
70°	4360
75°	3728
80°	3536
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13831 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.7	9.5
10°-20°	74.9	23.0
20°-30°	85.8	26.4
30°-40°	70.0	21.6
40°-50°	35.3	10.9
50°-60°	13.1	4.0
60°-70°	8.8	2.7
70°-80°	4.9	1.5
80°-90°	1.5	0.5
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°	191.4	58.9
0°-40°	261.4	80.5
0°-60°	309.9	95.4
0°-90°	325.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	325.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	339	
5°	330	31
15°	269	75
25°	187	86
35°	113	70
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°	338.6
1°	338.2
2°	337.4
3°	335.7
4°	333.3
5°	330.1
6°	326.1
7°	322.1
8°	316.9
9°	311.7
10°	305.6
11°	299.2
12°	292.4
13°	284.7
14°	276.7
15°	269.1
17.5°	248.6
20°	227.7
22.5°	206.4
25°	187.2
27.5°	168.3
30°	149.8
32.5°	131.3
35°	112.9
37.5°	94.4
40°	76.3
42.5°	59.4
45°	44.6
47.5°	32.1
50°	22.1
52.5°	16.1
55°	13.7
57.5°	12.5
60°	11.2
62.5°	10.0
65°	8.8
67.5°	7.6
70°	6.8
72.5°	5.6
75°	4.4
77.5°	3.6
80°	2.8
82.5°	2.0
85°	1.2
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)