

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: P1292960

Luminaire Tested: P3A09R35W2N902750DE010 E3DLP1LI_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292960
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R35W2N902750DE010 E3DLP1LI_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

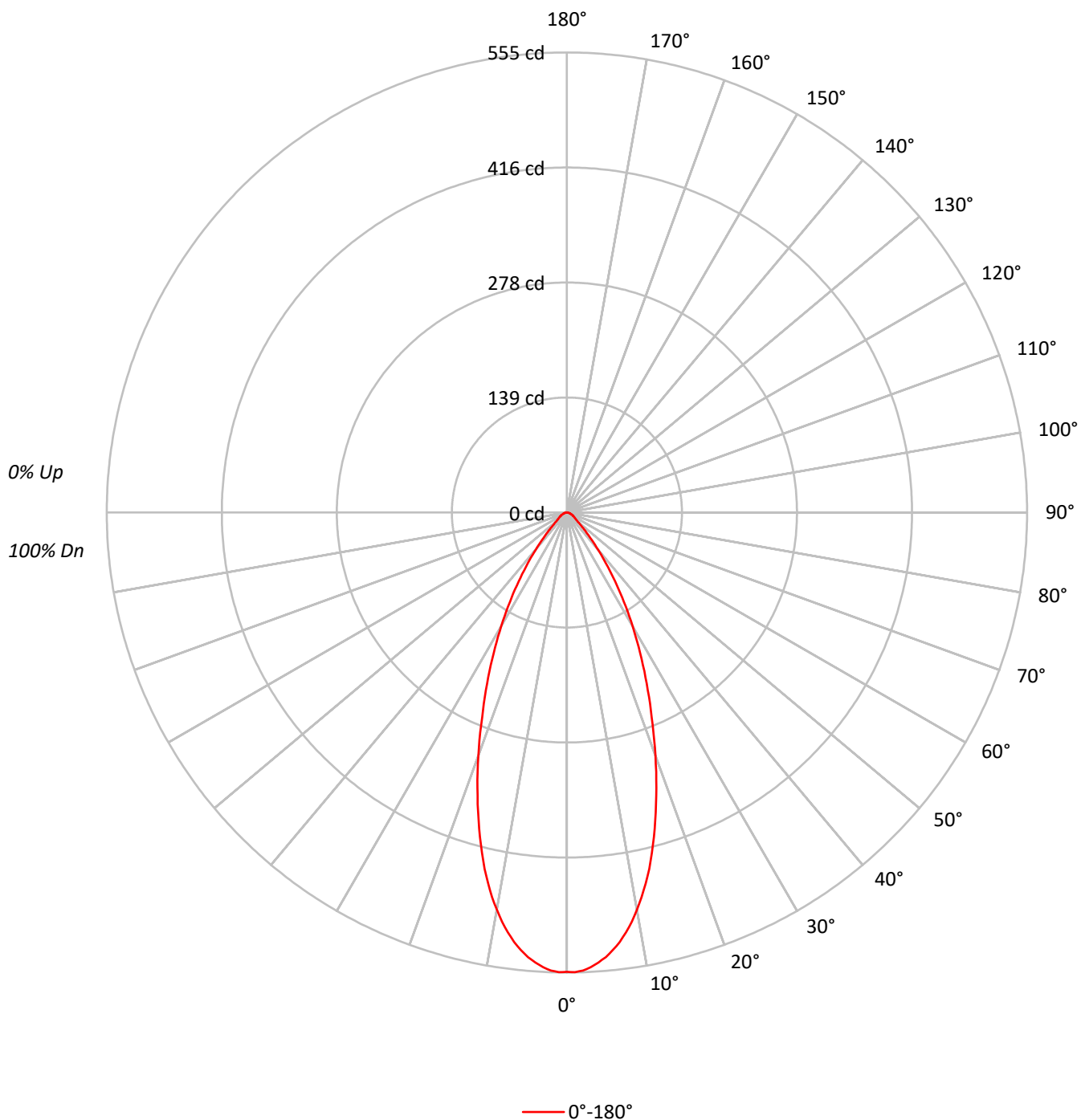
Lumens per Lamp: N/A
Luminaire Lumens: 378.0 lumens
Efficiency: N/A
Efficacy: 42.0 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97	96	95		93
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91	89	87		86
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86	84	81		80
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82	78	76		74
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77	74	71		69
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73	69	66		65
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69	65	62		61
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66	62	59		57
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63	59	56		54
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60	56	53		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	121503
5°	118512
10°	108348
15°	91964
20°	72806
25°	55068
30°	40082
35°	27117
40°	16660
45°	9551
50°	5765
55°	4664
60°	4079
65°	3632
70°	3013
75°	2965
80°	2904
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9551 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.8	13.2
10°-20°	111.7	29.5
20°-30°	104.5	27.6
30°-40°	63.9	16.9
40°-50°	25.2	6.7
50°-60°	11.1	2.9
60°-70°	6.9	1.8
70°-80°	3.7	1.0
80°-90°	1.3	0.3
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°	265.9	70.3
0°-40°	329.8	87.3
0°-60°	366.1	96.9
0°-90°	378.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	378.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	554	
5°	538	50
15°	405	112
25°	228	104
35°	101	64
45°	31	25
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	554.1
1°	554.7
2°	552.9
3°	549.4
4°	544.2
5°	538.4
6°	530.8
7°	522.1
8°	511.6
9°	500.0
10°	486.6
11°	472.6
12°	457.5
13°	441.2
14°	423.1
15°	405.1
17.5°	358.5
20°	312.0
22.5°	267.1
25°	227.6
27.5°	190.9
30°	158.3
32.5°	128.0
35°	101.3
37.5°	77.4
40°	58.2
42.5°	41.9
45°	30.8
47.5°	22.1
50°	16.9
52.5°	14.0
55°	12.2
57.5°	10.5
60°	9.3
62.5°	8.1
65°	7.0
67.5°	5.8
70°	4.7
72.5°	4.1
75°	3.5
77.5°	2.9
80°	2.3
82.5°	1.7
85°	1.2
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)