

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: P1289173

Luminaire Tested: P3A05R35W2N902750DE010 E3DLP1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289173
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: P3A05R35W2N902750DE010 E3DLP1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

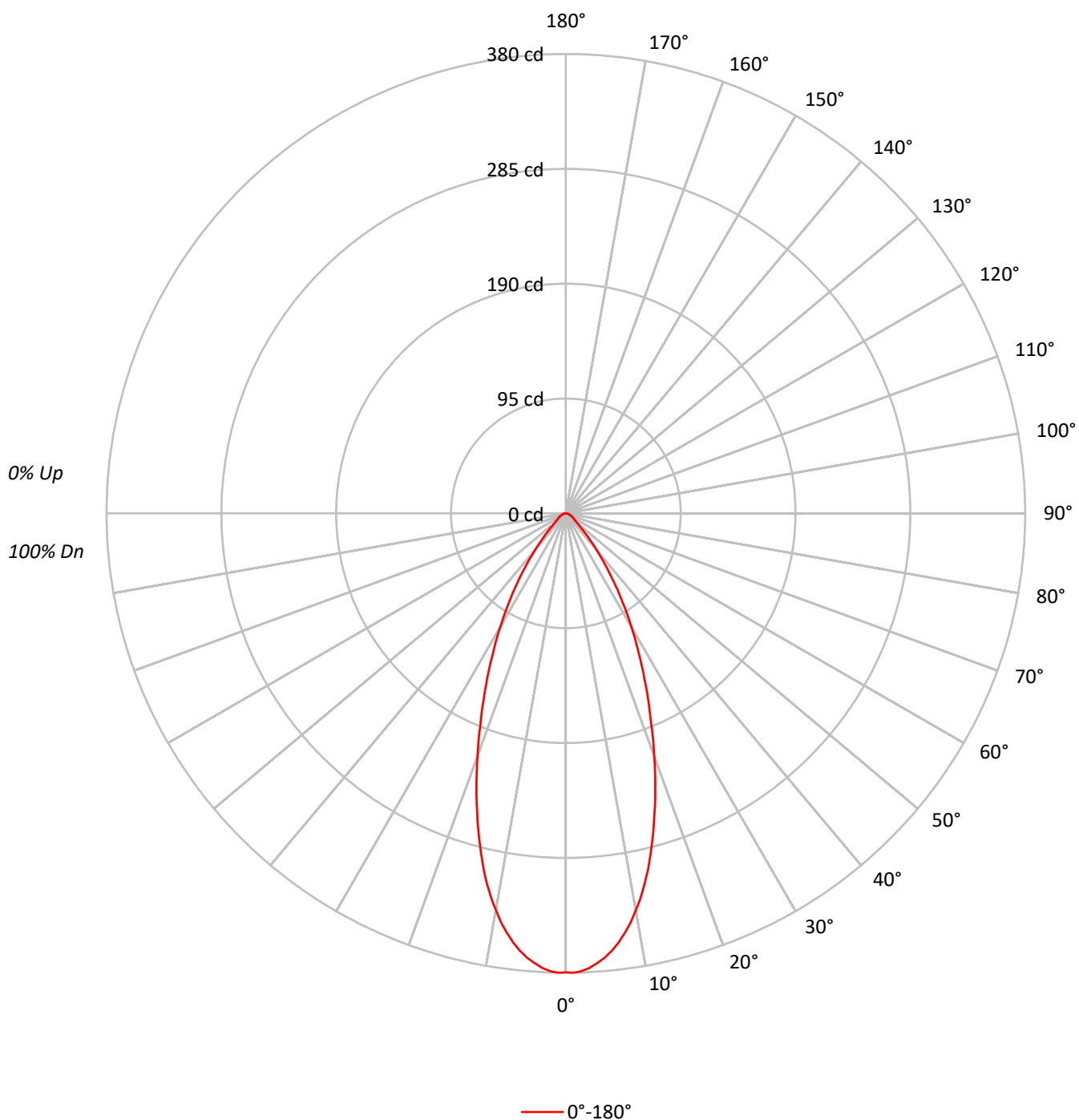
Lumens per Lamp: N/A
Luminaire Lumens: 259.1 lumens
Efficiency: N/A
Efficacy: 43.9 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	80	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	83239
5°	81202
10°	74236
15°	63020
20°	49891
25°	37720
30°	27473
35°	18578
40°	11421
45°	6543
50°	3957
55°	3211
60°	2807
65°	2491
70°	2052
75°	2033
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6543 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.1	13.2
10°-20°	76.5	29.5
20°-30°	71.6	27.6
30°-40°	43.8	16.9
40°-50°	17.3	6.7
50°-60°	7.6	2.9
60°-70°	4.7	1.8
70°-80°	2.5	1.0
80°-90°	0.9	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°	182.2	70.3
0°-40°	226.0	87.2
0°-60°	250.9	96.9
0°-90°	259.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	259.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	380	
5°	369	34
15°	278	77
25°	156	72
35°	69	44
45°	21	17
55°	8	8
65°	5	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	379.6
1°	380.0
2°	378.9
3°	376.5
4°	372.9
5°	368.9
6°	363.7
7°	357.7
8°	350.5
9°	342.6
10°	333.4
11°	323.8
12°	313.4
13°	302.3
14°	289.9
15°	277.6
17.5°	245.7
20°	213.8
22.5°	183.0
25°	155.9
27.5°	130.8
30°	108.5
32.5°	87.7
35°	69.4
37.5°	53.0
40°	39.9
42.5°	28.7
45°	21.1
47.5°	15.2
50°	11.6
52.5°	9.6
55°	8.4
57.5°	7.2
60°	6.4
62.5°	5.6
65°	4.8
67.5°	4.0
70°	3.2
72.5°	2.8
75°	2.4
77.5°	2.0
80°	1.6
82.5°	1.2
85°	0.8
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)