

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: P1288412

Luminaire Tested: P3A05R25W2N902750DE010 E3DL1GPH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288412
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R25W2N902750DE010 E3DL1GPH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

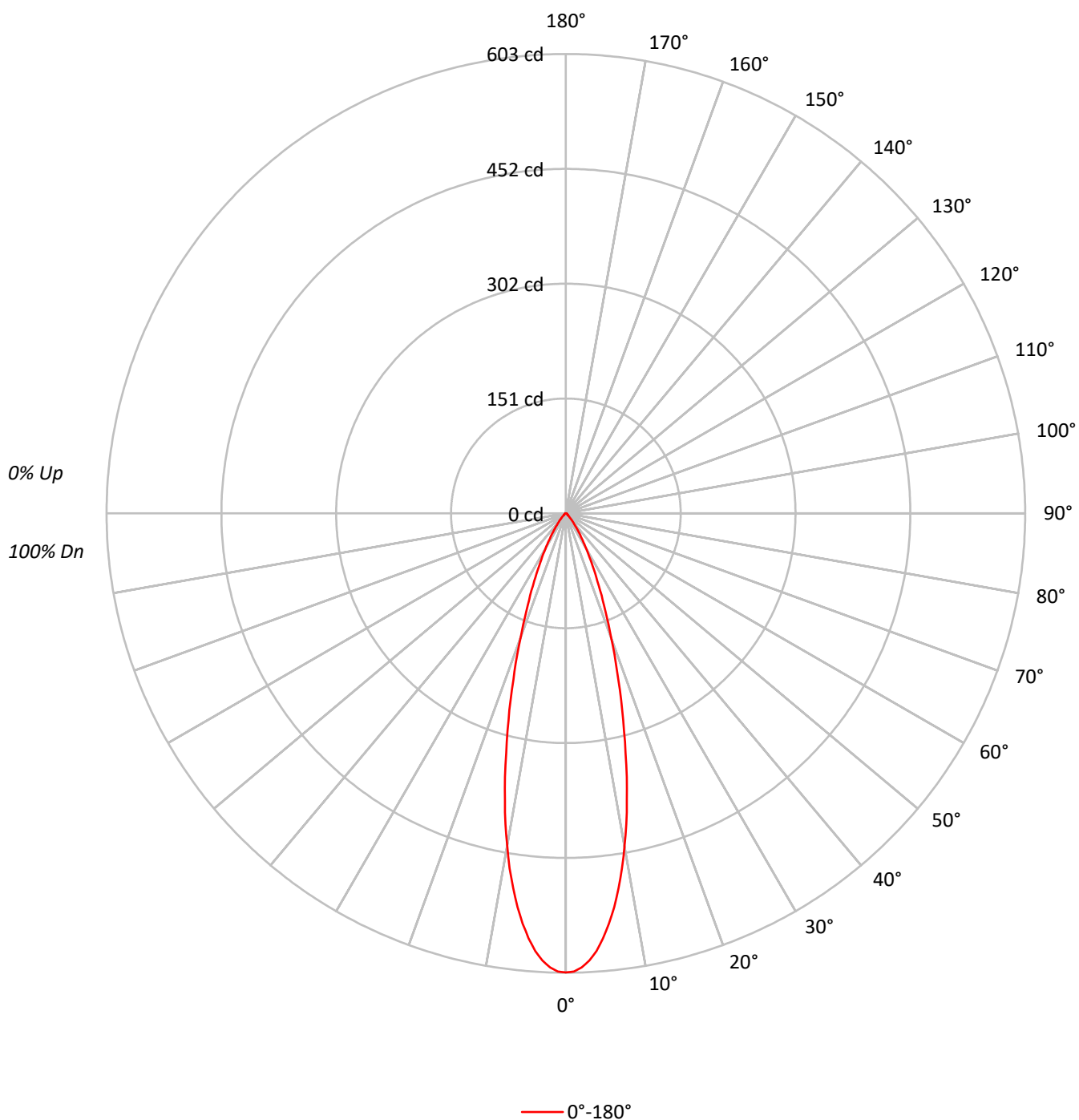
Lumens per Lamp: N/A
Luminaire Lumens: 206.1 lumens
Efficiency: N/A
Efficacy: 34.9 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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	99	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	94	93
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	89	88
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	85	84
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	81	80
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	77	76
6	94	86	81	78	92	86	81	77	84	80	77	83	79	76	82	78	76	75	74	73
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	71	70
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	68	67
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	65	64
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	63	62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	132139
5°	123288
10°	98751
15°	67038
20°	40557
25°	23711
30°	13521
35°	7442
40°	3950
45°	2078
50°	1194
55°	918
60°	789
65°	830
70°	769
75°	678
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2078 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.7	24.1
10°-20°	81.2	39.4
20°-30°	46.4	22.5
30°-40°	18.3	8.9
40°-50°	5.6	2.7
50°-60°	2.2	1.1
60°-70°	1.5	0.7
70°-80°	0.8	0.4
80°-90°	0.3	0.1
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°	177.3	86.0
0°-40°	195.6	94.9
0°-60°	203.4	98.7
0°-90°	206.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	206.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	603	
5°	560	50
15°	295	81
25°	98	46
35°	28	18
45°	7	6
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	602.6
1°	601.4
2°	596.5
3°	587.8
4°	575.8
5°	560.1
6°	541.6
7°	520.7
8°	496.5
9°	471.7
10°	443.5
11°	415.8
12°	385.3
13°	355.1
14°	324.2
15°	295.3
17.5°	229.0
20°	173.8
22.5°	130.5
25°	98.0
27.5°	72.6
30°	53.4
32.5°	38.6
35°	27.8
37.5°	19.7
40°	13.8
42.5°	9.4
45°	6.7
47.5°	4.7
50°	3.5
52.5°	2.8
55°	2.4
57.5°	2.2
60°	1.8
62.5°	1.6
65°	1.6
67.5°	1.4
70°	1.2
72.5°	1.0
75°	0.8
77.5°	0.6
80°	0.4
82.5°	0.4
85°	0.2
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)