

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: P1288591

Luminaire Tested: P3A05R25W2N902765DE010 E3DL1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288591
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: P3A05R25W2N902765DE010 E3DL1H_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

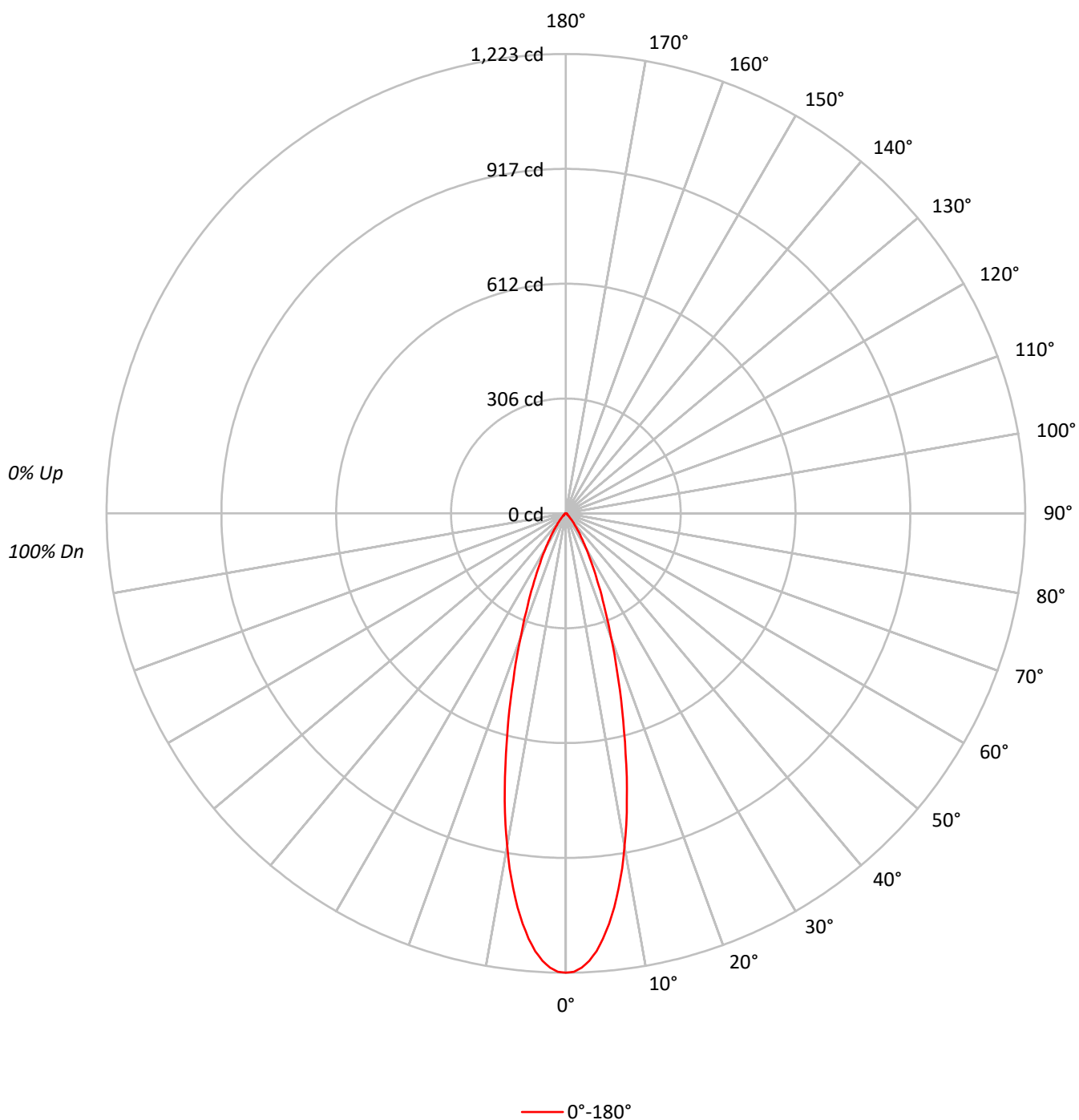
Lumens per Lamp: N/A
Luminaire Lumens: 418.0 lumens
Efficiency: N/A
Efficacy: 70.8 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	268136
5°	250164
10°	200397
15°	136028
20°	82304
25°	48124
30°	27422
35°	15071
40°	8015
45°	4217
50°	2456
55°	1835
60°	1579
65°	1660
70°	1539
75°	1356
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4217 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.9	24.1
10°-20°	164.7	39.4
20°-30°	94.1	22.5
30°-40°	37.1	8.9
40°-50°	11.4	2.7
50°-60°	4.5	1.1
60°-70°	3.0	0.7
70°-80°	1.7	0.4
80°-90°	0.5	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°	359.7	86.1
0°-40°	396.9	94.9
0°-60°	412.8	98.7
0°-90°	418.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	418.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1223	
5°	1136	101
15°	599	165
25°	199	94
35°	56	37
45°	14	11
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1222.8
1°	1220.4
2°	1210.4
3°	1192.8
4°	1168.4
5°	1136.5
6°	1098.9
7°	1056.6
8°	1007.5
9°	957.1
10°	900.0
11°	843.7
12°	781.8
13°	720.6
14°	657.9
15°	599.2
17.5°	464.6
20°	352.7
22.5°	264.8
25°	198.9
27.5°	147.4
30°	108.3
32.5°	78.3
35°	56.3
37.5°	39.9
40°	28.0
42.5°	19.2
45°	13.6
47.5°	9.6
50°	7.2
52.5°	5.6
55°	4.8
57.5°	4.4
60°	3.6
62.5°	3.2
65°	3.2
67.5°	2.8
70°	2.4
72.5°	2.0
75°	1.6
77.5°	1.2
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)