

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: P1289155

Luminaire Tested: P3A05R35W2N902750DE010 E3DLP1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289155
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 E3DLP1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

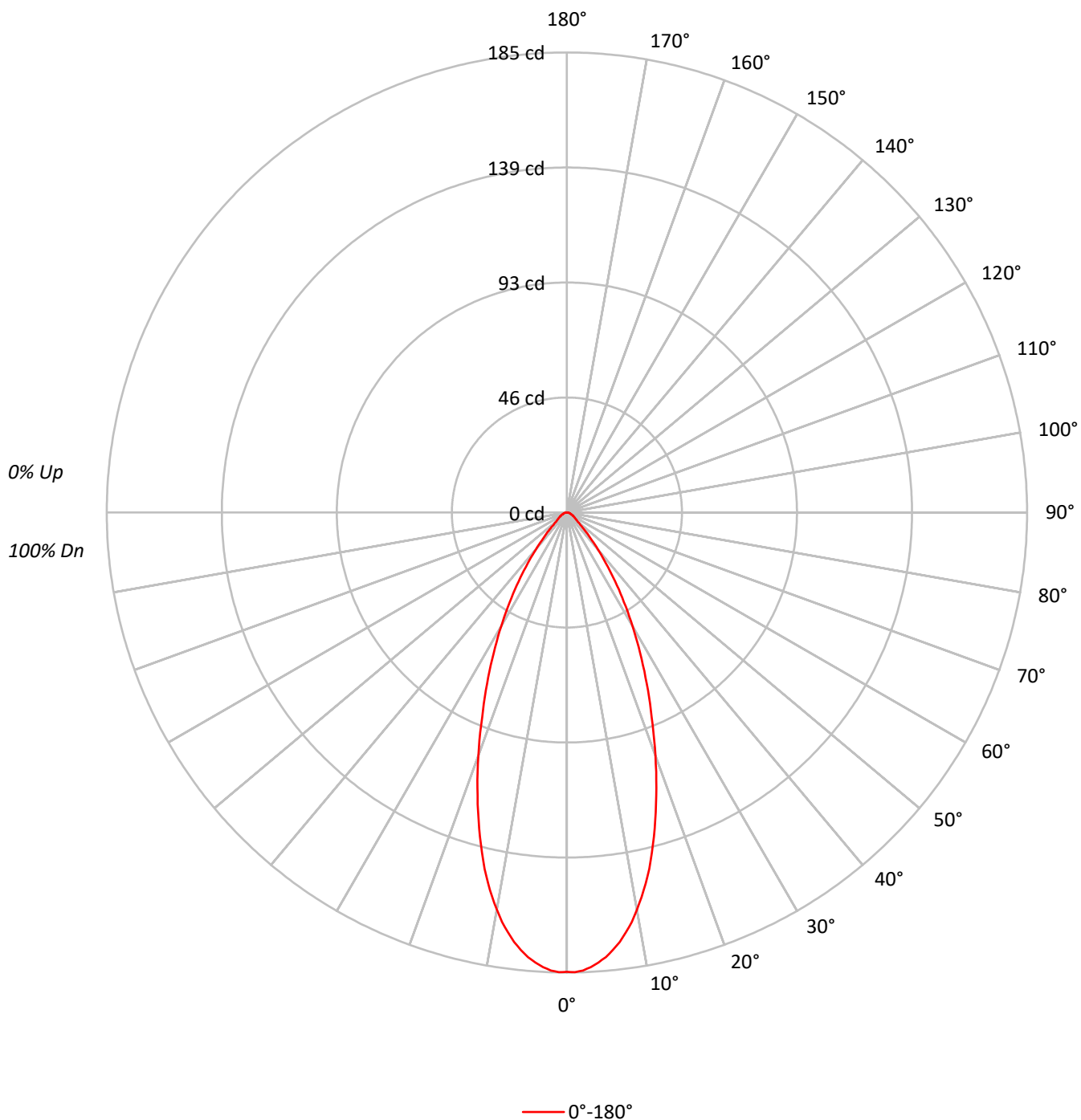
Lumens per Lamp: N/A
Luminaire Lumens: 126.1 lumens
Efficiency: N/A
Efficacy: 21.4 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	85	81	77		83	80	76		82	78	76		74
5	92	83	77	73	90	82	77	73	80	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	55		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°	40501
5°	39511
10°	36116
15°	30647
20°	24269
25°	18364
30°	13369
35°	9048
40°	5553
45°	3194
50°	1910
55°	1567
60°	1360
65°	1193
70°	1026
75°	1017
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3194 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.6	13.2
10°-20°	37.2	29.5
20°-30°	34.8	27.6
30°-40°	21.3	16.9
40°-50°	8.4	6.7
50°-60°	3.7	2.9
60°-70°	2.3	1.8
70°-80°	1.3	1.0
80°-90°	0.4	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°	88.6	70.3
0°-40°	110.0	87.2
0°-60°	122.1	96.8
0°-90°	126.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	126.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	185	
5°	180	17
15°	135	37
25°	76	35
35°	34	21
45°	10	8
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	184.7
1°	184.9
2°	184.3
3°	183.1
4°	181.4
5°	179.5
6°	176.9
7°	174.0
8°	170.5
9°	166.7
10°	162.2
11°	157.5
12°	152.5
13°	147.1
14°	141.0
15°	135.0
17.5°	119.5
20°	104.0
22.5°	89.0
25°	75.9
27.5°	63.6
30°	52.8
32.5°	42.7
35°	33.8
37.5°	25.8
40°	19.4
42.5°	14.0
45°	10.3
47.5°	7.4
50°	5.6
52.5°	4.7
55°	4.1
57.5°	3.5
60°	3.1
62.5°	2.7
65°	2.3
67.5°	1.9
70°	1.6
72.5°	1.4
75°	1.2
77.5°	1.0
80°	0.8
82.5°	0.6
85°	0.4
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)