

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: P1289158

Luminaire Tested: P3A05R35W2N902750DE010 E3DLP1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289158
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_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

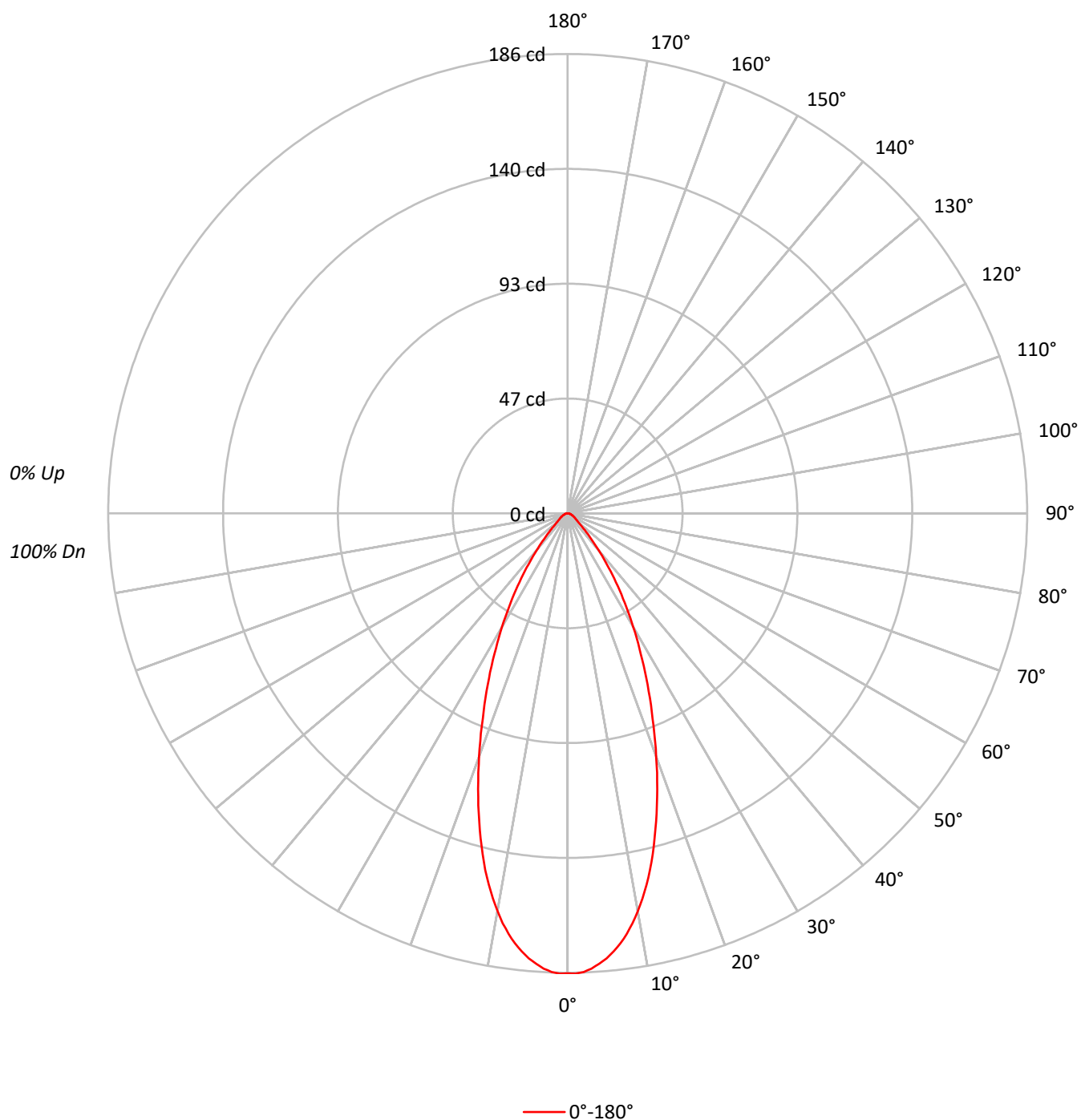
Lumens per Lamp: N/A
Luminaire Lumens: 127.0 lumens
Efficiency: N/A
Efficacy: 21.5 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	86	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°	40830
5°	39819
10°	36405
15°	30897
20°	24455
25°	18509
30°	13470
35°	9102
40°	5611
45°	3225
50°	1944
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: 3225 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.7	13.2
10°-20°	37.5	29.5
20°-30°	35.1	27.6
30°-40°	21.5	16.9
40°-50°	8.5	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°	89.3	70.3
0°-40°	110.8	87.2
0°-60°	123.0	96.8
0°-90°	127.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	127.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	186	
5°	181	17
15°	136	38
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°	186.2
1°	186.4
2°	185.8
3°	184.6
4°	182.8
5°	180.9
6°	178.3
7°	175.4
8°	171.9
9°	168.0
10°	163.5
11°	158.8
12°	153.7
13°	148.2
14°	142.2
15°	136.1
17.5°	120.5
20°	104.8
22.5°	89.8
25°	76.5
27.5°	64.1
30°	53.2
32.5°	43.0
35°	34.0
37.5°	26.0
40°	19.6
42.5°	14.1
45°	10.4
47.5°	7.4
50°	5.7
52.5°	4.7
55°	4.1
57.5°	3.5
60°	3.1
62.5°	2.7
65°	2.3
67.5°	2.0
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)