

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: P1289098

Luminaire Tested: P3A05R35W2N902750DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289098
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R35W2N902750DE010 E3DL1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

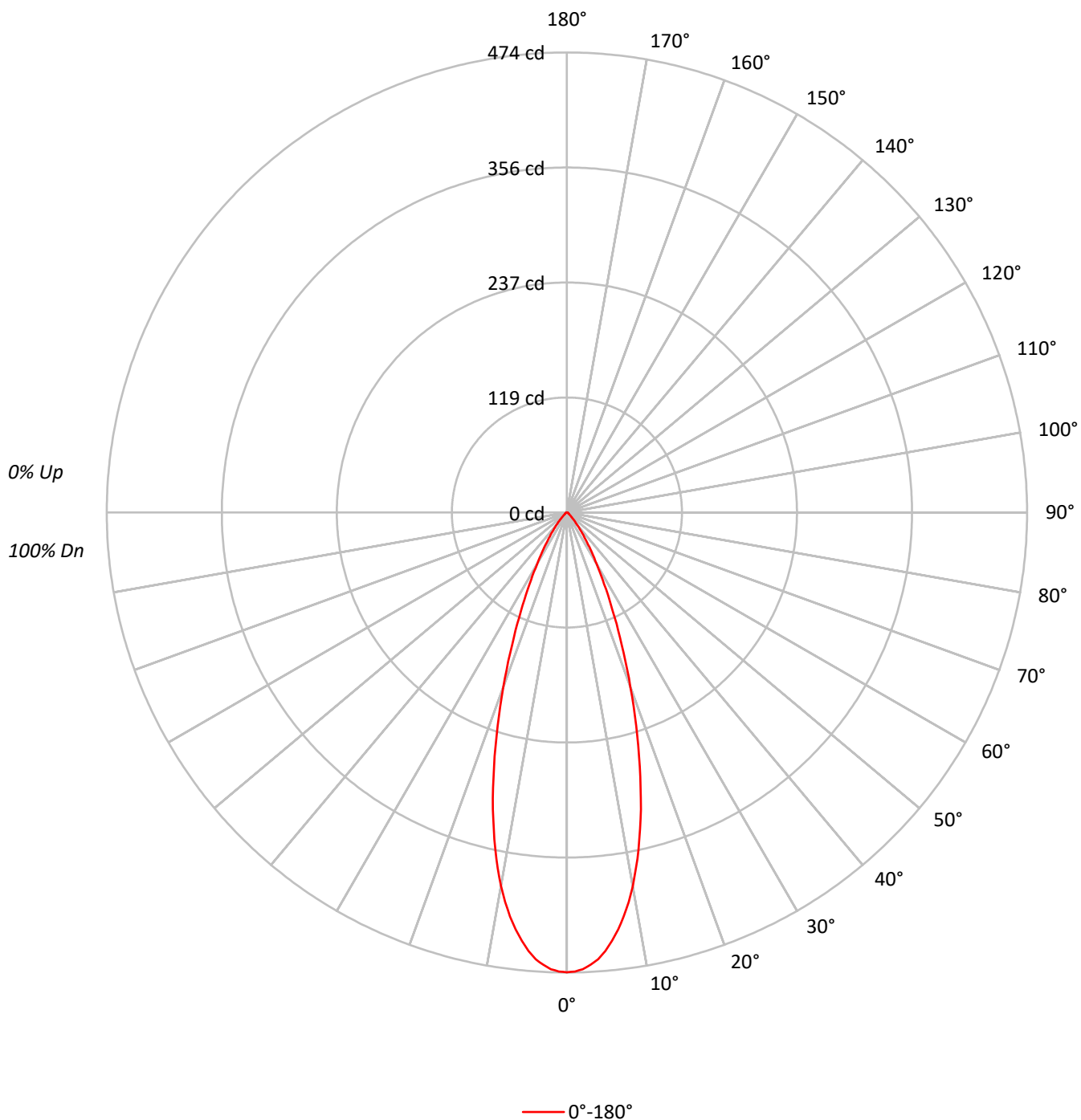
Lumens per Lamp: N/A
Luminaire Lumens: 206.1 lumens
Efficiency: N/A
Efficacy: 34.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	109	107	112	109	107	106	105	104	102		102	100	99		98	97	96		95
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94	93	91		89
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		90	88	86		85
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87	84	82		80
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83	80	78		76
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80	77	74		73
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77	73	71		70
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74	70	68		66
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71	67	65		64
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69	65	62		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	103895
5°	99846
10°	86995
15°	66629
20°	44594
25°	26977
30°	15471
35°	8646
40°	4609
45°	2357
50°	1126
55°	918
60°	877
65°	726
70°	769
75°	678
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2357 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.3	20.0
10°-20°	80.0	38.8
20°-30°	52.4	25.4
30°-40°	21.2	10.3
40°-50°	6.4	3.1
50°-60°	2.2	1.1
60°-70°	1.5	0.7
70°-80°	0.9	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°	173.6	84.3
0°-40°	194.9	94.6
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°	474	
5°	454	41
15°	294	80
25°	112	52
35°	32	21
45°	8	6
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	473.8
1°	473.0
2°	470.9
3°	466.6
4°	461.5
5°	453.6
6°	443.8
7°	432.9
8°	420.5
9°	406.4
10°	390.7
11°	373.3
12°	355.1
13°	334.7
14°	315.3
15°	293.5
17.5°	240.8
20°	191.1
22.5°	147.0
25°	111.5
27.5°	83.1
30°	61.1
32.5°	44.9
35°	32.3
37.5°	22.9
40°	16.1
42.5°	11.2
45°	7.6
47.5°	5.1
50°	3.3
52.5°	2.5
55°	2.4
57.5°	2.2
60°	2.0
62.5°	1.8
65°	1.4
67.5°	1.2
70°	1.2
72.5°	1.0
75°	0.8
77.5°	0.6
80°	0.6
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)