

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: P1296693

Luminaire Tested: P3A13R35W2N902750DE010 E3DL1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296693
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: P3A13R35W2N902750DE010 E3DL1H_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

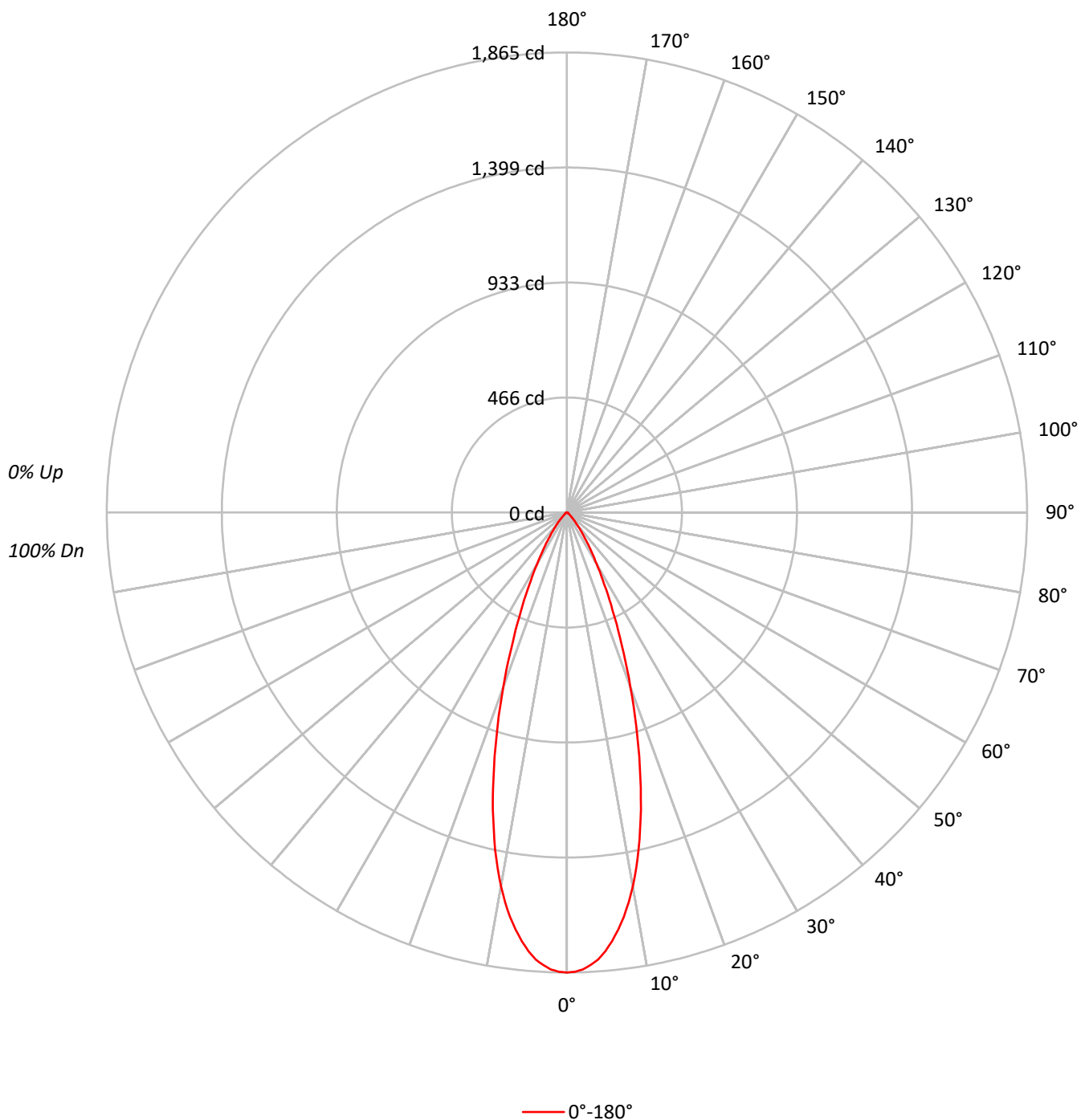
Lumens per Lamp: N/A
Luminaire Lumens: 811.0 lumens
Efficiency: N/A
Efficacy: 65.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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		90
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91	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	68	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°	409024
5°	393109
10°	342523
15°	262340
20°	175529
25°	106192
30°	60946
35°	34077
40°	18120
45°	9334
50°	4469
55°	3555
60°	3377
65°	2802
70°	2949
75°	2626
80°	2904
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9334 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	162.5	20.0
10°-20°	314.9	38.8
20°-30°	206.2	25.4
30°-40°	83.6	10.3
40°-50°	25.1	3.1
50°-60°	8.5	1.1
60°-70°	5.7	0.7
70°-80°	3.4	0.4
80°-90°	1.2	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°	683.5	84.3
0°-40°	767.2	94.6
0°-60°	800.8	98.7
0°-90°	811.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	811.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1865	
5°	1786	162
15°	1156	315
25°	439	206
35°	127	84
45°	30	25
55°	9	9
65°	5	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1865.3
1°	1862.3
2°	1853.8
3°	1836.8
4°	1816.7
5°	1785.9
6°	1747.3
7°	1704.1
8°	1655.5
9°	1600.0
10°	1538.3
11°	1469.6
12°	1397.8
13°	1317.6
14°	1241.2
15°	1155.6
17.5°	948.1
20°	752.2
22.5°	578.6
25°	438.9
27.5°	327.1
30°	240.7
32.5°	176.7
35°	127.3
37.5°	90.3
40°	63.3
42.5°	44.0
45°	30.1
47.5°	20.1
50°	13.1
52.5°	10.0
55°	9.3
57.5°	8.5
60°	7.7
62.5°	6.9
65°	5.4
67.5°	4.6
70°	4.6
72.5°	3.9
75°	3.1
77.5°	2.3
80°	2.3
82.5°	1.5
85°	0.8
87.5°	0.8



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)