

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: P1296837

Luminaire Tested: P3A13R35W2N902765DE010 E3DL1H_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296837
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: P3A13R35W2N902765DE010 E3DL1H_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

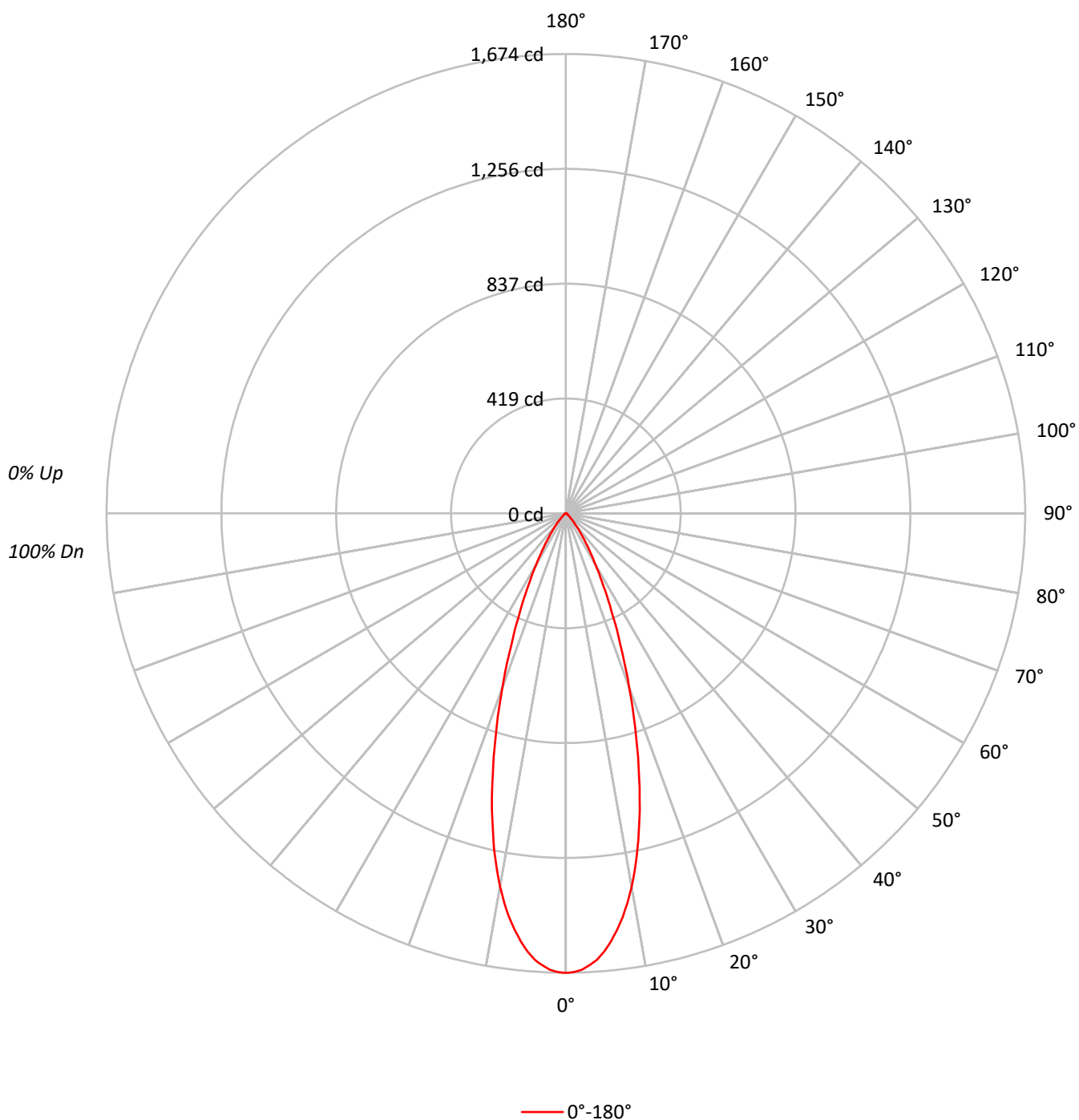
Lumens per Lamp: N/A
Luminaire Lumens: 728.1 lumens
Efficiency: N/A
Efficacy: 59.2 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					
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	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°	367164
5°	352872
10°	307454
15°	235484
20°	157560
25°	95328
30°	54717
35°	30597
40°	16259
45°	8373
50°	4025
55°	3173
60°	3026
65°	2491
70°	2693
75°	2372
80°	2652
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8373 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	145.9	20.0
10°-20°	282.7	38.8
20°-30°	185.1	25.4
30°-40°	75.1	10.3
40°-50°	22.5	3.1
50°-60°	7.6	1.1
60°-70°	5.1	0.7
70°-80°	3.0	0.4
80°-90°	1.0	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°	613.6	84.3
0°-40°	688.7	94.6
0°-60°	718.8	98.7
0°-90°	728.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	728.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1674	
5°	1603	146
15°	1037	283
25°	394	185
35°	114	75
45°	27	23
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1674.4
1°	1671.7
2°	1664.0
3°	1648.8
4°	1630.8
5°	1603.1
6°	1568.5
7°	1529.7
8°	1486.1
9°	1436.2
10°	1380.8
11°	1319.2
12°	1254.8
13°	1182.8
14°	1114.2
15°	1037.3
17.5°	851.1
20°	675.2
22.5°	519.4
25°	394.0
27.5°	293.6
30°	216.1
32.5°	158.6
35°	114.3
37.5°	81.0
40°	56.8
42.5°	39.5
45°	27.0
47.5°	18.0
50°	11.8
52.5°	9.0
55°	8.3
57.5°	7.6
60°	6.9
62.5°	6.2
65°	4.8
67.5°	4.2
70°	4.2
72.5°	3.5
75°	2.8
77.5°	2.1
80°	2.1
82.5°	1.4
85°	0.7
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)