

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: P1296835

Luminaire Tested: P3A13R35W2N902765DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296835
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 E3DL1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

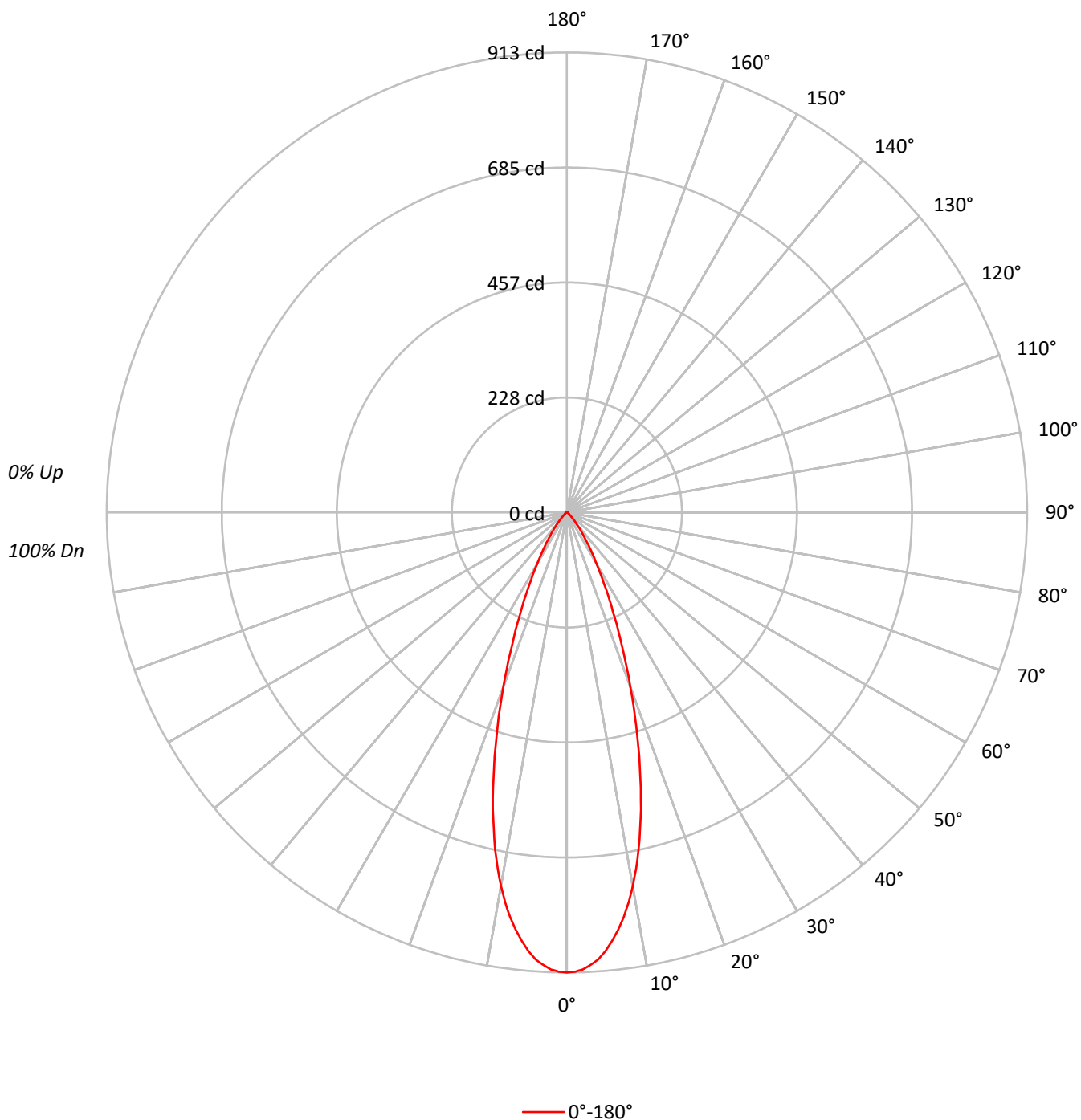
Lumens per Lamp: N/A
Luminaire Lumens: 397.0 lumens
Efficiency: N/A
Efficacy: 32.3 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
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°	200225
5°	192427
10°	167666
15°	128423
20°	85921
25°	51995
30°	29827
35°	16677
40°	8874
45°	4559
50°	2183
55°	1720
60°	1667
65°	1349
70°	1475
75°	1271
80°	1389
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4559 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.5	20.0
10°-20°	154.1	38.8
20°-30°	100.9	25.4
30°-40°	40.9	10.3
40°-50°	12.3	3.1
50°-60°	4.2	1.1
60°-70°	2.8	0.7
70°-80°	1.6	0.4
80°-90°	0.6	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°	334.6	84.3
0°-40°	375.5	94.6
0°-60°	392.0	98.7
0°-90°	397.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	397.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	913	
5°	874	80
15°	566	154
25°	215	101
35°	62	41
45°	15	12
55°	4	4
65°	3	3
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	913.1
1°	911.6
2°	907.5
3°	899.1
4°	889.3
5°	874.2
6°	855.3
7°	834.2
8°	810.4
9°	783.2
10°	753.0
11°	719.4
12°	684.3
13°	645.0
14°	607.6
15°	565.7
17.5°	464.1
20°	368.2
22.5°	283.2
25°	214.9
27.5°	160.1
30°	117.8
32.5°	86.5
35°	62.3
37.5°	44.2
40°	31.0
42.5°	21.5
45°	14.7
47.5°	9.8
50°	6.4
52.5°	4.9
55°	4.5
57.5°	4.2
60°	3.8
62.5°	3.4
65°	2.6
67.5°	2.3
70°	2.3
72.5°	1.9
75°	1.5
77.5°	1.1
80°	1.1
82.5°	0.8
85°	0.4
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)