

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: P1300490

Luminaire Tested: P3A17R35W2N902750DE010 E3DL1LI_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300490
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: P3A17R35W2N902750DE010 E3DL1LI_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

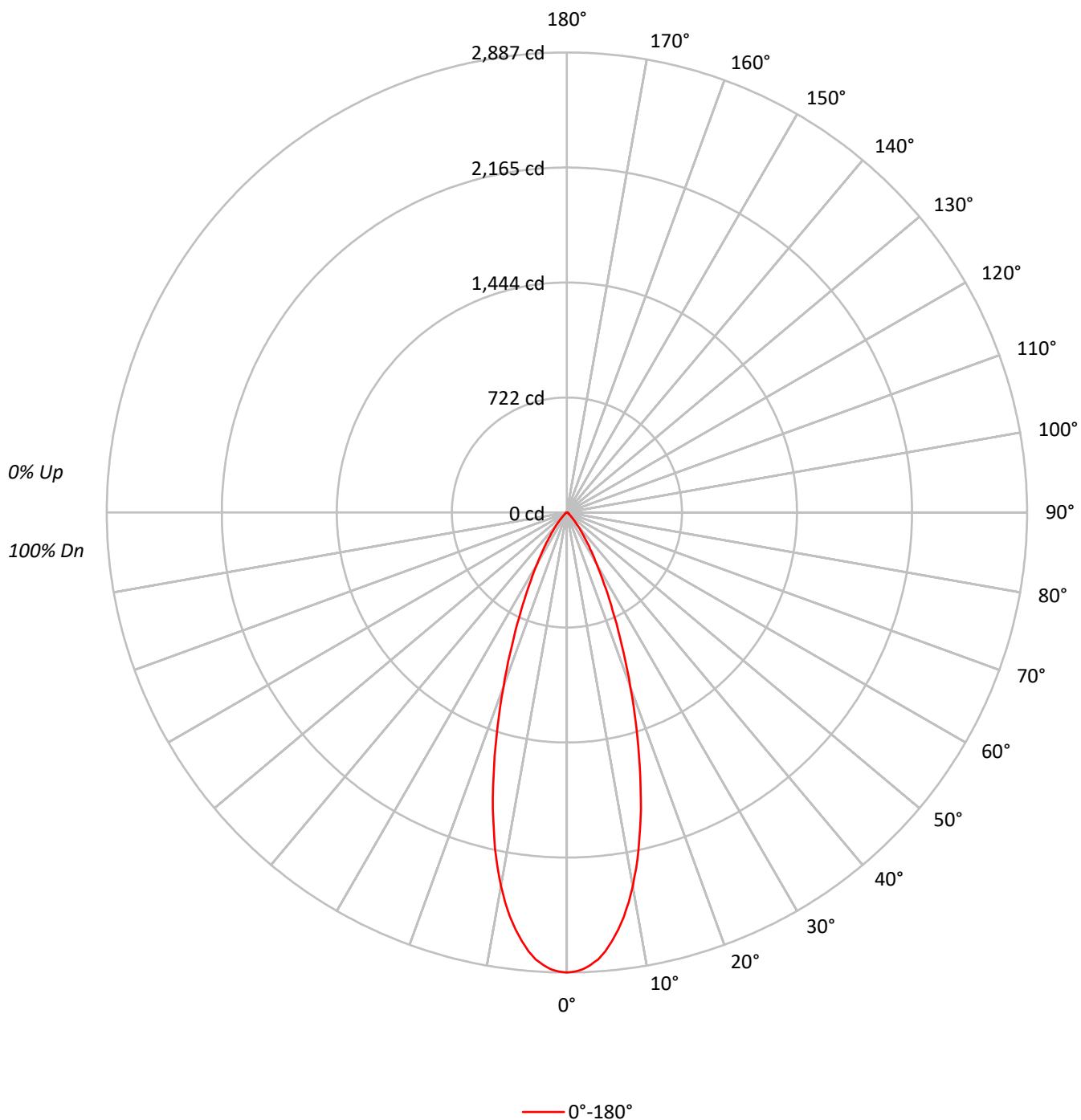
Lumens per Lamp: N/A
Luminaire Lumens: 1255.0 lumens
Efficiency: N/A
Efficacy: 64.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
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°	632976
5°	608319
10°	530028
15°	405973
20°	271600
25°	164356
30°	94318
35°	52735
40°	28024
45°	14451
50°	6925
55°	5467
60°	5219
65°	4358
70°	4616
75°	4067
80°	4546
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14451 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	251.5	20.0
10°-20°	487.3	38.8
20°-30°	319.0	25.4
30°-40°	129.4	10.3
40°-50°	38.8	3.1
50°-60°	13.2	1.0
60°-70°	8.9	0.7
70°-80°	5.2	0.4
80°-90°	1.8	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°	1057.7	84.3
0°-40°	1187.2	94.6
0°-60°	1239.2	98.7
0°-90°	1255.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1255.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2887	
5°	2764	251
15°	1788	487
25°	679	319
35°	197	129
45°	47	39
55°	14	13
65°	8	9
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2886.6
1°	2881.8
2°	2868.7
3°	2842.4
4°	2811.4
5°	2763.6
6°	2703.9
7°	2637.1
8°	2561.9
9°	2475.9
10°	2380.4
11°	2274.2
12°	2163.1
13°	2039.0
14°	1920.8
15°	1788.3
17.5°	1467.2
20°	1163.9
22.5°	895.3
25°	679.3
27.5°	506.2
30°	372.5
32.5°	273.4
35°	197.0
37.5°	139.7
40°	97.9
42.5°	68.0
45°	46.6
47.5°	31.0
50°	20.3
52.5°	15.5
55°	14.3
57.5°	13.1
60°	11.9
62.5°	10.7
65°	8.4
67.5°	7.2
70°	7.2
72.5°	6.0
75°	4.8
77.5°	3.6
80°	3.6
82.5°	2.4
85°	1.2
87.5°	1.2



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)