

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: P1300488

Luminaire Tested: P3A17R35W2N902750DE010 E3DL1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300488
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 E3DL1H_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

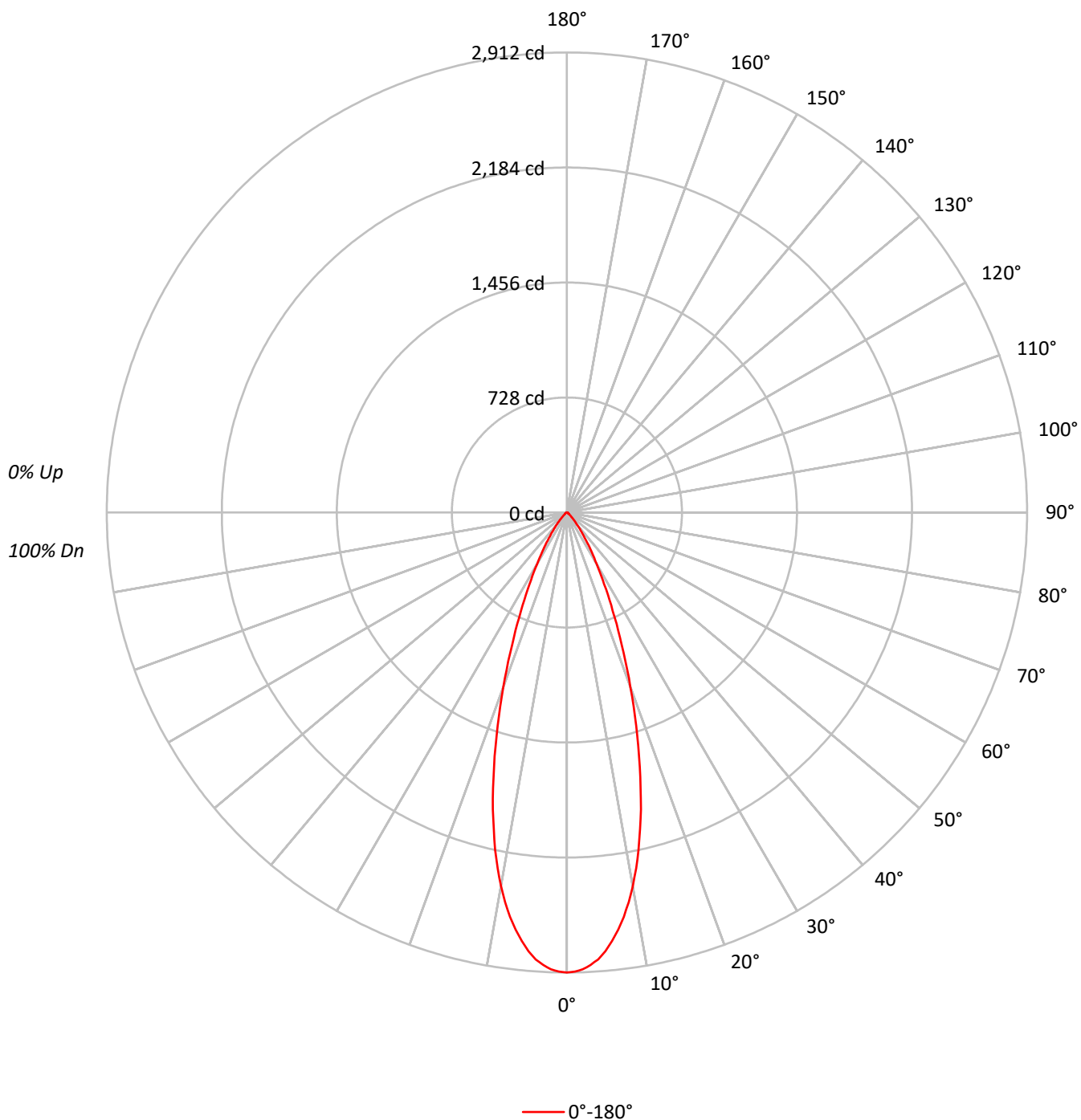
Lumens per Lamp: N/A
Luminaire Lumens: 1265.9 lumens
Efficiency: N/A
Efficacy: 65.3 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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			
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	77
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	69	76	71	68		75	71	68		74	70	68	67
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°	638523
5°	613646
10°	534682
15°	409537
20°	273980
25°	165784
30°	95129
35°	53190
40°	28253
45°	14575
50°	6993
55°	5543
60°	5263
65°	4358
70°	4616
75°	4067
80°	4546
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14575 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	253.7	20.0
10°-20°	491.5	38.8
20°-30°	321.8	25.4
30°-40°	130.5	10.3
40°-50°	39.2	3.1
50°-60°	13.3	1.1
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°	1067.0	84.3
0°-40°	1197.5	94.6
0°-60°	1250.0	98.7
0°-90°	1265.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1265.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2912	
5°	2788	254
15°	1804	492
25°	685	322
35°	199	131
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°	2911.9
1°	2907.0
2°	2893.8
3°	2867.3
4°	2836.0
5°	2787.8
6°	2727.6
7°	2660.2
8°	2584.3
9°	2497.6
10°	2401.3
11°	2294.1
12°	2182.1
13°	2056.8
14°	1937.6
15°	1804.0
17.5°	1480.0
20°	1174.1
22.5°	903.2
25°	685.2
27.5°	510.6
30°	375.7
32.5°	275.8
35°	198.7
37.5°	140.9
40°	98.7
42.5°	68.6
45°	47.0
47.5°	31.3
50°	20.5
52.5°	15.7
55°	14.5
57.5°	13.2
60°	12.0
62.5°	10.8
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)