

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: P1300541

Luminaire Tested: P3A17R35W2N902750DE010 E3DLP1GPH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300541
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R35W2N902750DE010 E3DLP1GPH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

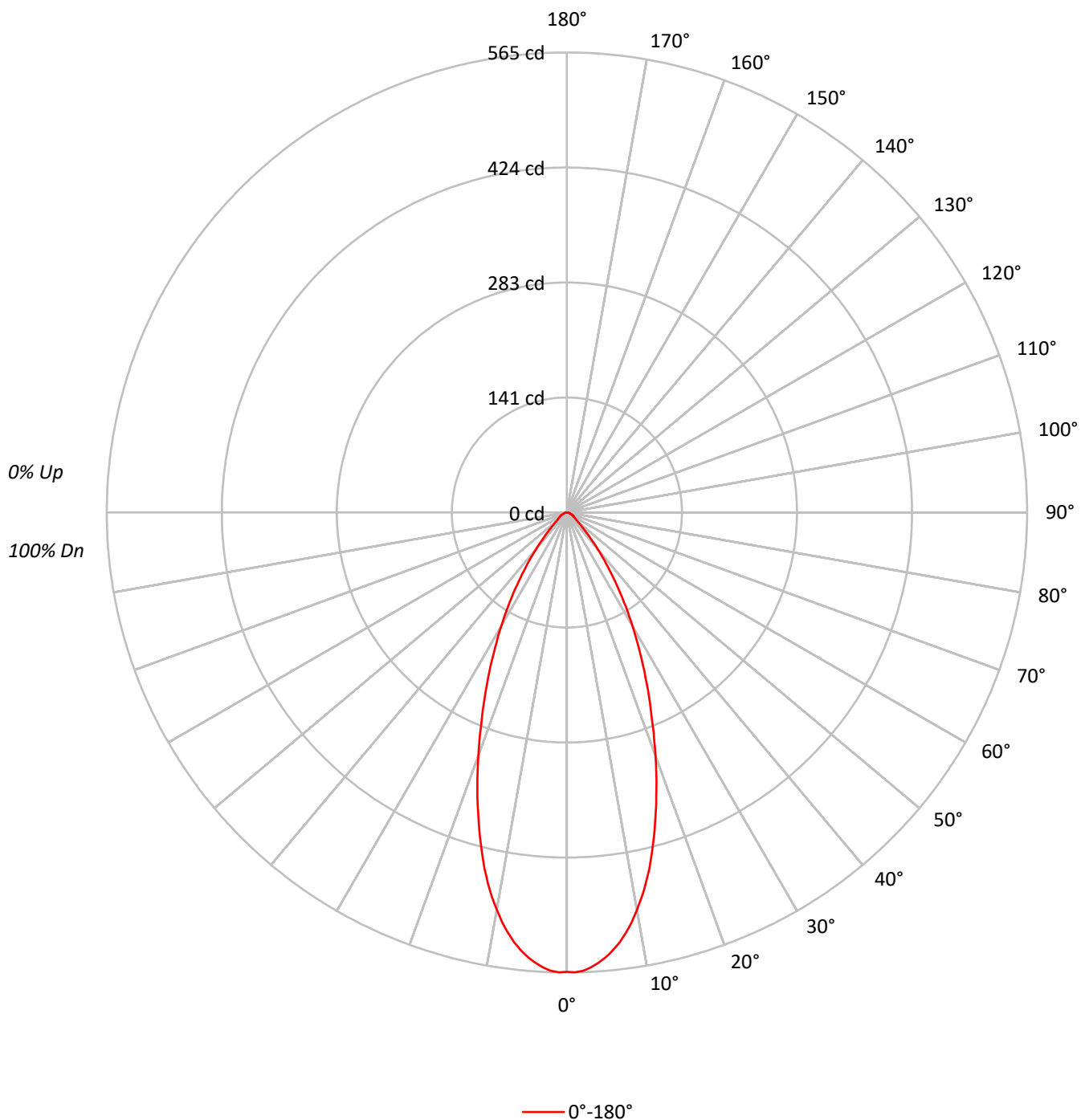
Lumens per Lamp: N/A
Luminaire Lumens: 385.0 lumens
Efficiency: N/A
Efficacy: 19.8 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1300541

CATALOG NUMBER: P3A17R35W2N902750DE010 E3DLP1GPH_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1300541

CATALOG NUMBER: P3A17R35W2N902750DE010 E3DLP1GPH_3500K

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	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93		
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86		
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80		
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74		
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69		
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65		
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61		
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57		
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	54		
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	123740
5°	120691
10°	110352
15°	93667
20°	74136
25°	56084
30°	40816
35°	27599
40°	16975
45°	9737
50°	5868
55°	4741
60°	4166
65°	3684
70°	3013
75°	3050
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9737 cd/sqm

TEST NUMBER: P1300541

CATALOG NUMBER: P3A17R35W2N902750DE010 E3DLP1GPH_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.7	13.2
10°-20°	113.7	29.5
20°-30°	106.4	27.6
30°-40°	65.1	16.9
40°-50°	25.7	6.7
50°-60°	11.3	2.9
60°-70°	7.0	1.8
70°-80°	3.8	1.0
80°-90°	1.3	0.3
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°	270.8	70.3
0°-40°	335.9	87.3
0°-60°	372.9	96.9
0°-90°	385.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	385.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	564	
5°	548	51
15°	413	114
25°	232	106
35°	103	65
45°	31	26
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1300541

CATALOG NUMBER: P3A17R35W2N902750DE010 E3DLP1GPH_3500K

CANDELA DISTRIBUTION (FULL):

0°	
0°	564.3
1°	564.9
2°	563.2
3°	559.6
4°	554.3
5°	548.3
6°	540.6
7°	531.7
8°	521.1
9°	509.2
10°	495.6
11°	481.4
12°	465.9
13°	449.3
14°	431.0
15°	412.6
17.5°	365.2
20°	317.7
22.5°	272.1
25°	231.8
27.5°	194.4
30°	161.2
32.5°	130.4
35°	103.1
37.5°	78.8
40°	59.3
42.5°	42.7
45°	31.4
47.5°	22.5
50°	17.2
52.5°	14.2
55°	12.4
57.5°	10.7
60°	9.5
62.5°	8.3
65°	7.1
67.5°	5.9
70°	4.7
72.5°	4.1
75°	3.6
77.5°	3.0
80°	2.4
82.5°	1.8
85°	1.2
87.5°	0.6



TEST NUMBER: P1300541

CATALOG NUMBER: P3A17R35W2N902750DE010 E3DLP1GPH_3500K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)