

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: P1300628

Luminaire Tested: P3A17R35W2N902765DE010 E3DL1GPH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300628
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: P3A17R35W2N902765DE010 E3DL1GPH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

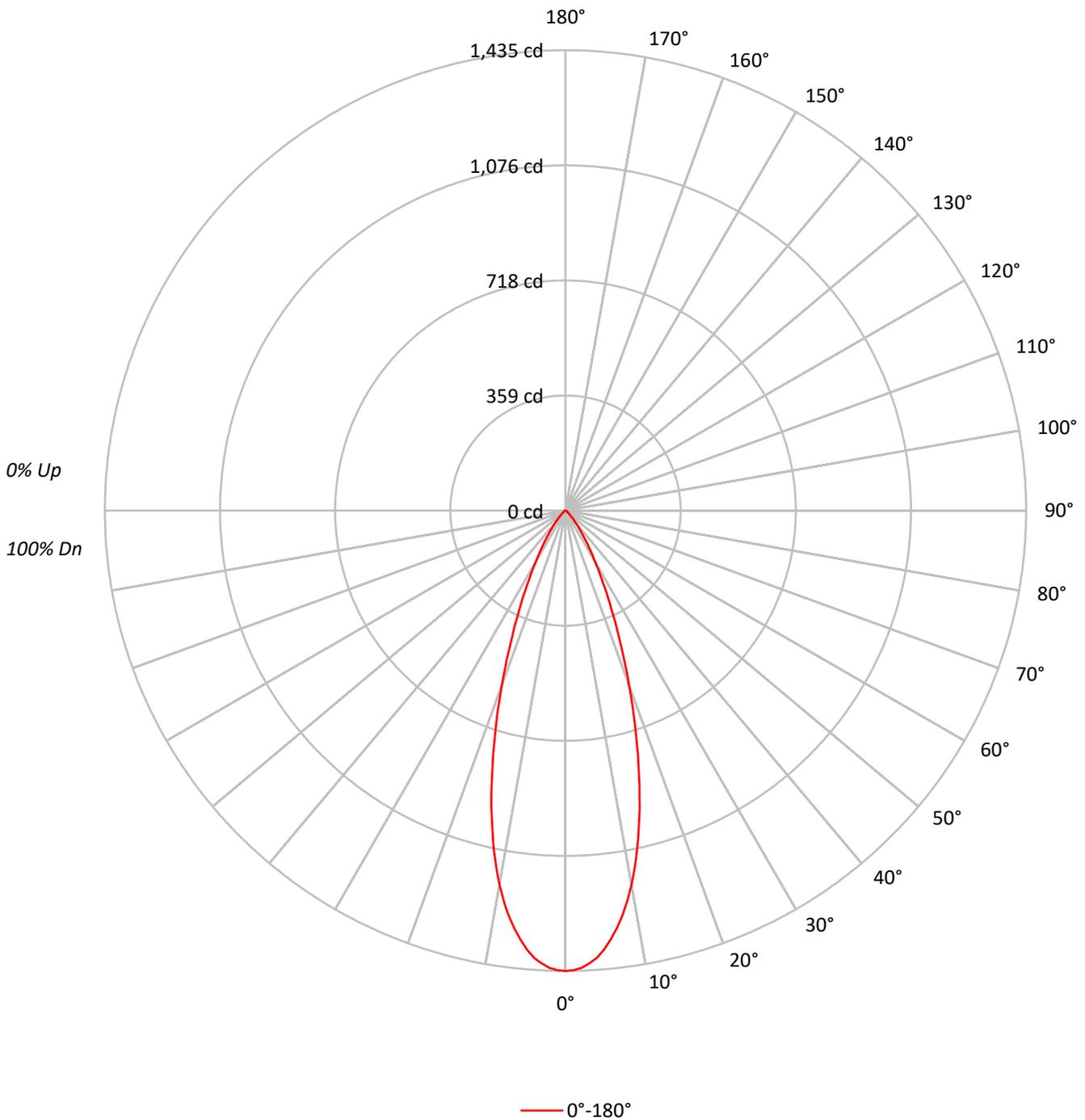
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 624.0 lumens
Efficiency: N/A
Efficacy: 32.2 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): 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: P1300628
CATALOG NUMBER: P3A17R35W2N902765DE010 E3DL1GPH_3500K

Luminous Intensity Polar Plot





TEST NUMBER: P1300628

CATALOG NUMBER: P3A17R35W2N902765DE010 E3DL1GPH_3500K

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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	96	96	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	91	91	91	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	86	86	86	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	82	82	82	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	78	78	78	76
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	74	74	74	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	71	71	71	70
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	68	68	68	66
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	65	65	65	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	62	62	62	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	314712
5°	302465
10°	263544
15°	201863
20°	135042
25°	81706
30°	46893
35°	26207
40°	13940
45°	7164
50°	3446
55°	2714
60°	2588
65°	2179
70°	2308
75°	2033
80°	2273
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7164 cd/sqm



TEST NUMBER: P1300628

CATALOG NUMBER: P3A17R35W2N902765DE010 E3DL1GPH_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.0	20.0
10°-20°	242.3	38.8
20°-30°	158.6	25.4
30°-40°	64.3	10.3
40°-50°	19.3	3.1
50°-60°	6.5	1.0
60°-70°	4.4	0.7
70°-80°	2.6	0.4
80°-90°	0.9	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°	525.9	84.3
0°-40°	590.2	94.6
0°-60°	616.1	98.7
0°-90°	624.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	624.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1435	
5°	1374	125
15°	889	242
25°	338	159
35°	98	64
45°	23	19
55°	7	7
65°	4	4
75°	2	3
85°	1	1
90°	0	



TEST NUMBER: P1300628

CATALOG NUMBER: P3A17R35W2N902765DE010 E3DL1GPH_3500K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1435.2
1°	1432.9
2°	1426.3
3°	1413.3
4°	1397.8
5°	1374.1
6°	1344.4
7°	1311.2
8°	1273.8
9°	1231.0
10°	1183.6
11°	1130.7
12°	1075.5
13°	1013.8
14°	955.0
15°	889.2
17.5°	729.5
20°	578.7
22.5°	445.2
25°	337.7
27.5°	251.7
30°	185.2
32.5°	135.9
35°	97.9
37.5°	69.4
40°	48.7
42.5°	33.8
45°	23.1
47.5°	15.4
50°	10.1
52.5°	7.7
55°	7.1
57.5°	6.5
60°	5.9
62.5°	5.3
65°	4.2
67.5°	3.6
70°	3.6
72.5°	3.0
75°	2.4
77.5°	1.8
80°	1.8
82.5°	1.2
85°	0.6
87.5°	0.6



TEST NUMBER: P1300628
CATALOG NUMBER: P3A17R35W2N902765DE010 E3DL1GPH_3500K

CANDELA DISTRIBUTION (continued):



(END OF REPORT)