

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: P1300460

Luminaire Tested: P3A17R35W2N902750DE010 E3CD1MB_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300460
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R35W2N902750DE010 E3CD1MB_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

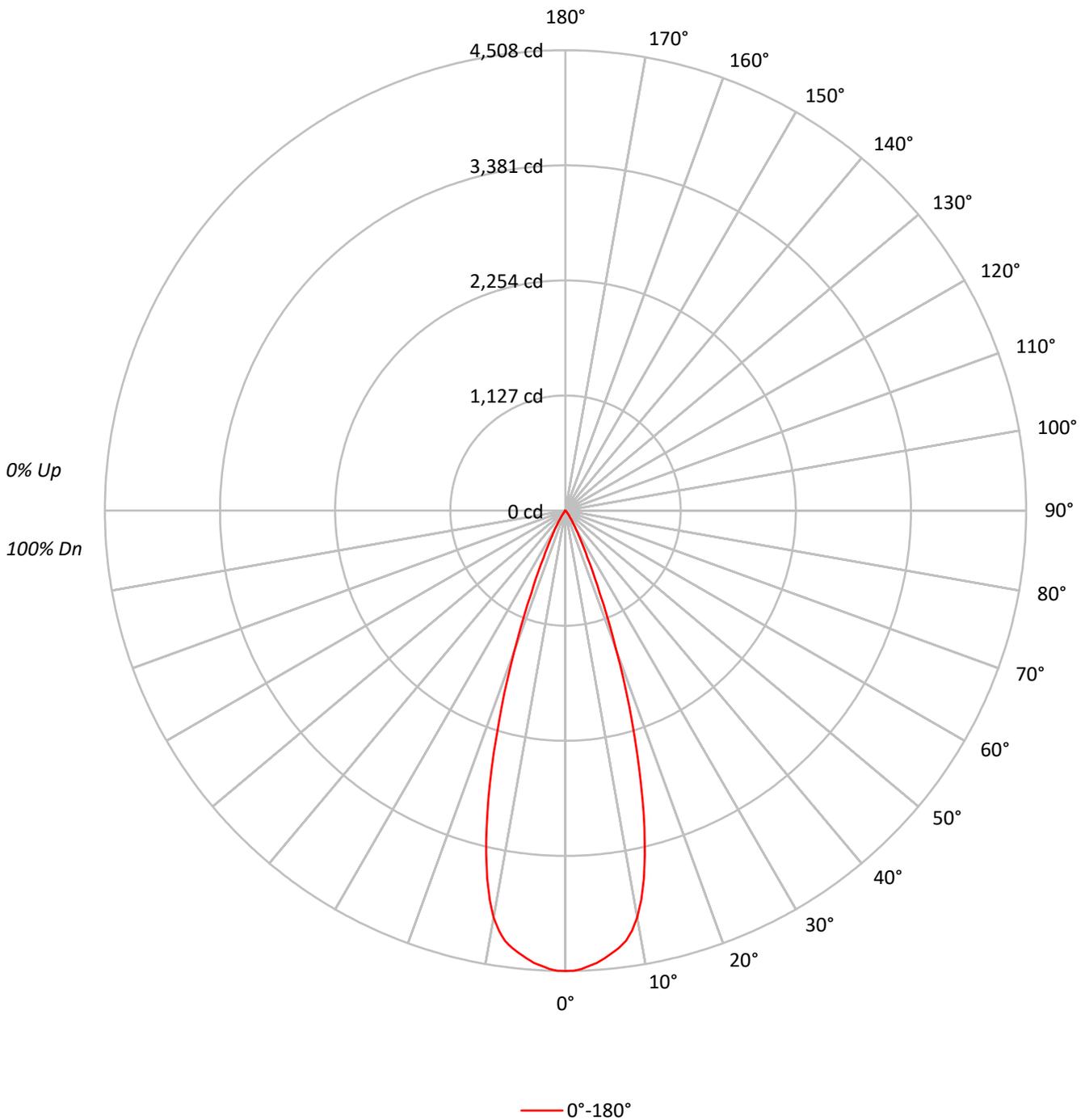
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1516.1 lumens
Efficiency: N/A
Efficacy: 78.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
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: P1300460
CATALOG NUMBER: P3A17R35W2N902750DE010 E3CD1MB_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1300460
 CATALOG NUMBER: P3A17R35W2N902750DE010 E3CD1MB_3000K

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	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	98	98	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	94	94	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	94	92	90	89
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	91	89	87	86
5	100	94	90	87	99	93	89	86	92	88	86	90	87	85	89	86	84	89	86	84	83
6	97	91	86	83	96	90	86	83	89	85	82	87	84	82	86	83	81	86	83	81	80
7	94	87	83	80	93	87	83	80	86	82	79	85	81	79	84	81	79	84	81	79	77
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	81	78	76	75
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74	79	76	74	73
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	71	77	74	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	988539
5°	968388
10°	900896
15°	660503
20°	338223
25°	121894
30°	47450
35°	16624
40°	6841
45°	1861
50°	1637
55°	1835
60°	1579
65°	1245
70°	1539
75°	2033
80°	1515
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 75°
 Luminance: 2033 cd/sqm



TEST NUMBER: P1300460

CATALOG NUMBER: P3A17R35W2N902750DE010 E3CD1MB_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	410.1	27.1
10°-20°	769.5	50.8
20°-30°	272.4	18.0
30°-40°	47.7	3.1
40°-50°	7.0	0.5
50°-60°	3.9	0.3
60°-70°	2.8	0.2
70°-80°	2.1	0.1
80°-90°	0.5	0.0
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°	1452.1	95.8
0°-40°	1499.8	98.9
0°-60°	1510.7	99.6
0°-90°	1516.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1516.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4508	
5°	4399	410
15°	2910	770
25°	504	272
35°	62	48
45°	6	7
55°	5	4
65°	2	3
75°	2	2
85°	0	0
90°	0	



TEST NUMBER: P1300460
CATALOG NUMBER: P3A17R35W2N902750DE010 E3CD1MB_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	4508.1
1°	4506.9
2°	4492.5
3°	4465.1
4°	4440.0
5°	4399.4
6°	4357.6
7°	4311.1
8°	4253.8
9°	4164.2
10°	4046.0
11°	3882.5
12°	3685.5
13°	3451.5
14°	3193.6
15°	2909.5
17.5°	2166.9
20°	1449.4
22.5°	873.9
25°	503.8
27.5°	300.9
30°	187.4
32.5°	108.6
35°	62.1
37.5°	39.4
40°	23.9
42.5°	11.9
45°	6.0
47.5°	4.8
50°	4.8
52.5°	4.8
55°	4.8
57.5°	3.6
60°	3.6
62.5°	3.6
65°	2.4
67.5°	2.4
70°	2.4
72.5°	2.4
75°	2.4
77.5°	1.2
80°	1.2
82.5°	1.2
85°	0.0
87.5°	0.0



TEST NUMBER: P1300460
CATALOG NUMBER: P3A17R35W2N902750DE010 E3CD1MB_3000K

CANDELA DISTRIBUTION (continued):



(END OF REPORT)