

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: P1300506

Luminaire Tested: P3A17R35W2N902750DE010 E3DL1WMH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300506
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 E3DL1WMH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 90CRI ,
E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

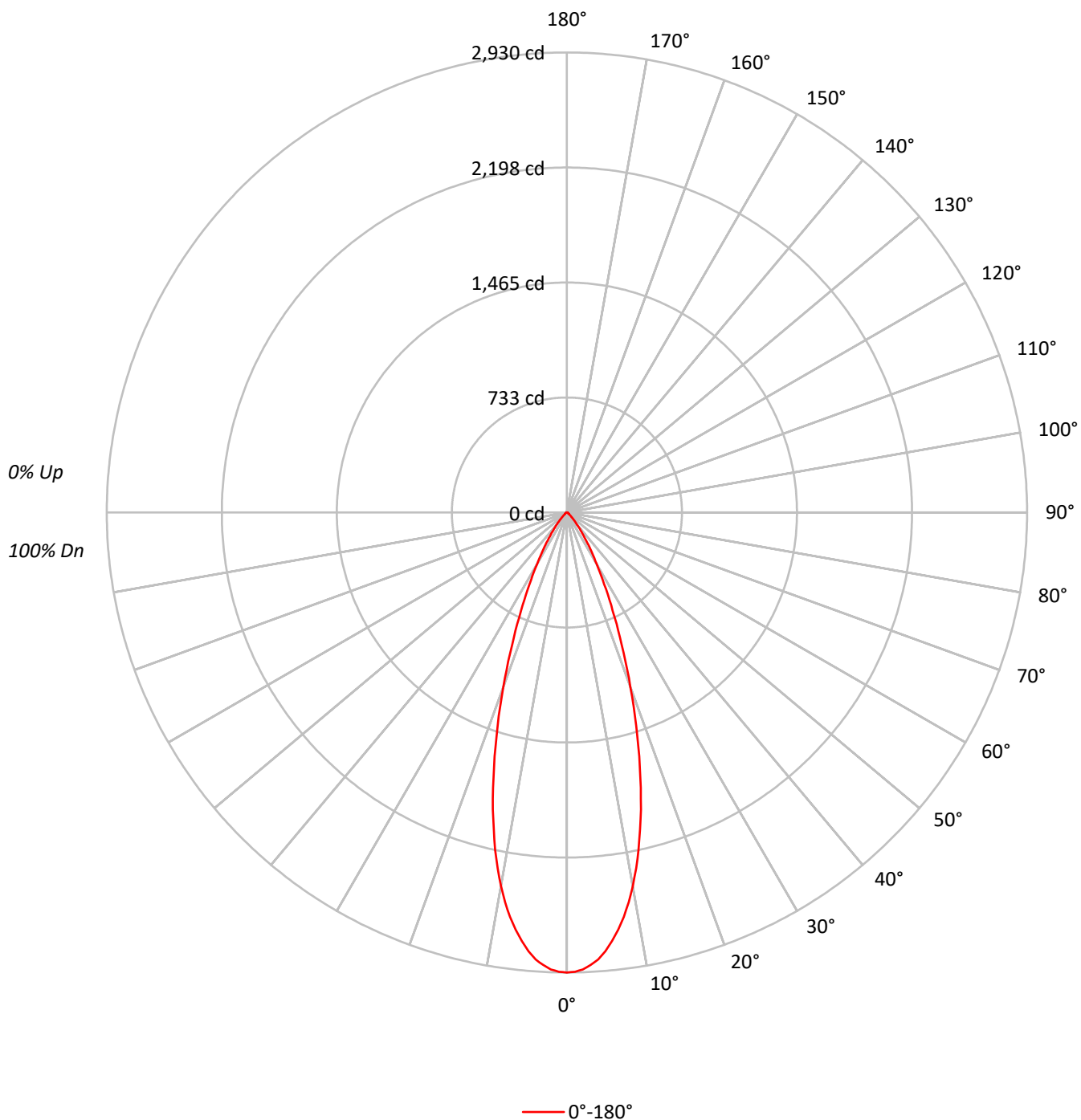
Lumens per Lamp: N/A
Luminaire Lumens: 1274.0 lumens
Efficiency: N/A
Efficacy: 65.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1300506

CATALOG NUMBER: P3A17R35W2N902750DE010 E3DL1WMH_3500K

Luminous Intensity Polar Plot



CATALOG NUMBER: P3A17R35W2N902750DE010 E3DL1WMH_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		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		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°	642558
5°	617520
10°	538044
15°	412125
20°	275731
25°	166824
30°	95736
35°	53538
40°	28453
45°	14668
50°	7027
55°	5543
60°	5307
65°	4410
70°	4680
75°	4067
80°	4546
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Luminance: 14668 cd/sqm

TEST NUMBER: P1300506

CATALOG NUMBER: P3A17R35W2N902750DE010 E3DL1WMH_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	255.3	20.0
10°-20°	494.7	38.8
20°-30°	323.8	25.4
30°-40°	131.4	10.3
40°-50°	39.4	3.1
50°-60°	13.4	1.1
60°-70°	9.0	0.7
70°-80°	5.3	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°	1073.8	84.3
0°-40°	1205.1	94.6
0°-60°	1257.9	98.7
0°-90°	1274.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1274.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2930	
5°	2805	255
15°	1815	495
25°	690	324
35°	200	131
45°	47	39
55°	14	13
65°	8	9
75°	5	5
85°	1	2
90°	0	

TEST NUMBER: P1300506

CATALOG NUMBER: P3A17R35W2N902750DE010 E3DL1WMH_3500K

CANDELA DISTRIBUTION (FULL):

0°	
0°	2930.3
1°	2925.4
2°	2912.1
3°	2885.4
4°	2853.9
5°	2805.4
6°	2744.9
7°	2677.0
8°	2600.6
9°	2513.4
10°	2416.4
11°	2308.6
12°	2195.9
13°	2069.8
14°	1949.9
15°	1815.4
17.5°	1489.4
20°	1181.6
22.5°	908.9
25°	689.5
27.5°	513.8
30°	378.1
32.5°	277.5
35°	200.0
37.5°	141.8
40°	99.4
42.5°	69.1
45°	47.3
47.5°	31.5
50°	20.6
52.5°	15.8
55°	14.5
57.5°	13.3
60°	12.1
62.5°	10.9
65°	8.5
67.5°	7.3
70°	7.3
72.5°	6.1
75°	4.8
77.5°	3.6
80°	3.6
82.5°	2.4
85°	1.2
87.5°	1.2



TEST NUMBER: P1300506

CATALOG NUMBER: P3A17R35W2N902750DE010 E3DL1WMH_3500K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)