

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: P1296739

Luminaire Tested: P3A13R35W2N902750DE010 E3DLD1WMH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296739
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R35W2N902750DE010 E3DLD1WMH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

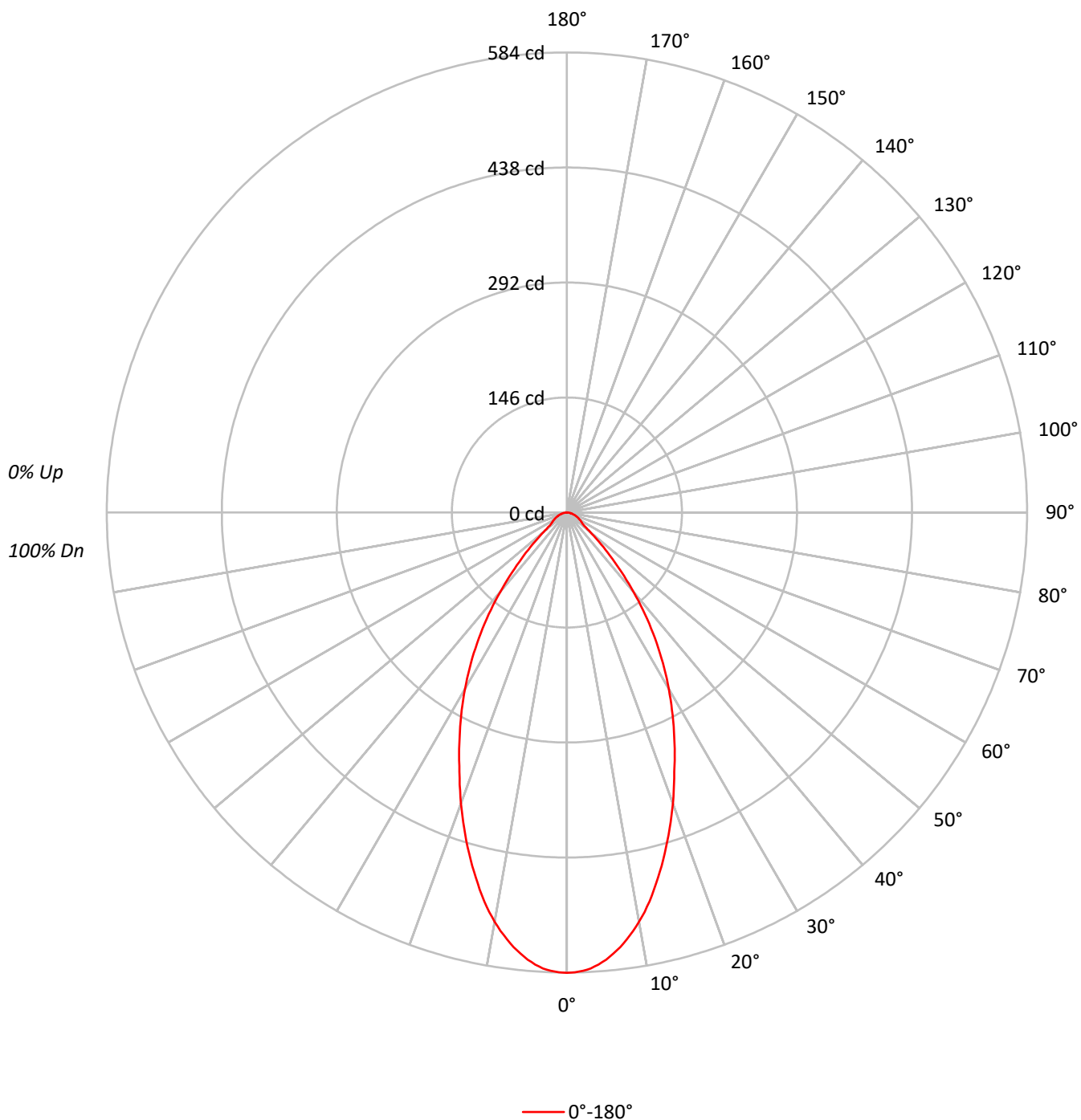
Lumens per Lamp: N/A
Luminaire Lumens: 561.0 lumens
Efficiency: N/A
Efficacy: 45.6 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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: P1296739

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLD1WMH_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1296739

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLD1WMH_2700K

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	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69		
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59		
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55		
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51		
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48		
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	44		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	128148
5°	125423
10°	117477
15°	105449
20°	91731
25°	78174
30°	65478
35°	52146
40°	37699
45°	23878
50°	12997
55°	9022
60°	8508
65°	7939
70°	7565
75°	6439
80°	6188
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 23878 cd/sqm

TEST NUMBER: P1296739

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLD1WMH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.0	9.5
10°-20°	129.3	23.0
20°-30°	148.1	26.4
30°-40°	120.9	21.5
40°-50°	61.0	10.9
50°-60°	22.6	4.0
60°-70°	15.2	2.7
70°-80°	8.4	1.5
80°-90°	2.6	0.5
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°	330.4	58.9
0°-40°	451.3	80.4
0°-60°	534.9	95.3
0°-90°	561.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	561.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	584	
5°	570	53
15°	464	129
25°	323	148
35°	195	121
45°	77	61
55°	24	23
65°	15	15
75°	8	8
85°	2	3
90°	0	

TEST NUMBER: P1296739

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLD1WMH_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	584.4
1°	583.7
2°	582.3
3°	579.6
4°	575.4
5°	569.8
6°	562.9
7°	556.0
8°	547.0
9°	538.0
10°	527.6
11°	516.5
12°	504.7
13°	491.5
14°	477.6
15°	464.5
17.5°	429.1
20°	393.1
22.5°	356.3
25°	323.1
27.5°	290.5
30°	258.6
32.5°	226.7
35°	194.8
37.5°	162.9
40°	131.7
42.5°	102.6
45°	77.0
47.5°	55.5
50°	38.1
52.5°	27.7
55°	23.6
57.5°	21.5
60°	19.4
62.5°	17.3
65°	15.3
67.5°	13.2
70°	11.8
72.5°	9.7
75°	7.6
77.5°	6.2
80°	4.9
82.5°	3.5
85°	2.1
87.5°	1.4



TEST NUMBER: P1296739

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLD1WMH_2700K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)