

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: P1298622

Luminaire Tested: P3A13R65W2N902750DE010 E3DLD1WMH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298622
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R65W2N902750DE010 E3DLD1WMH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

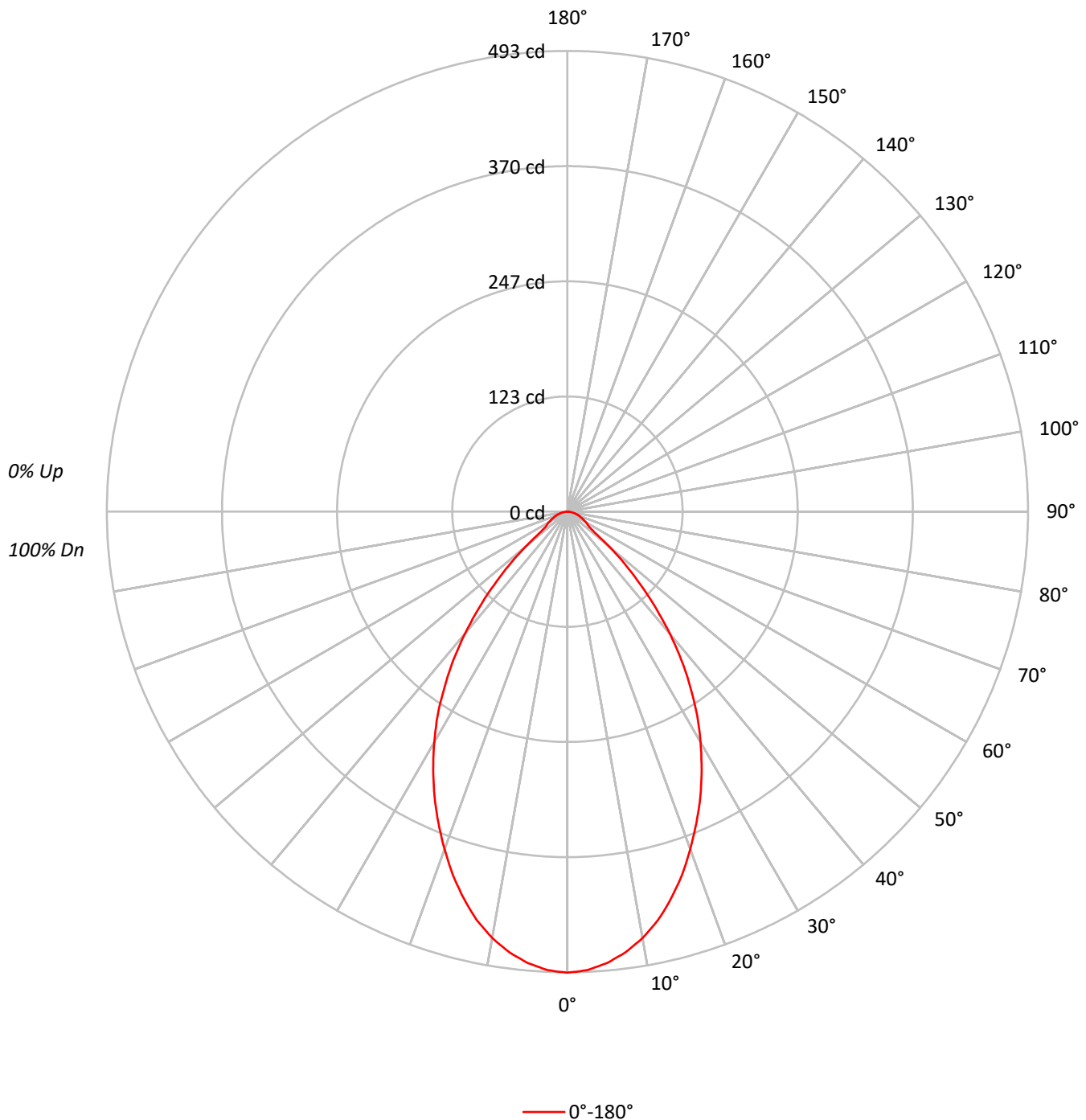
Lumens per Lamp: N/A
Luminaire Lumens: 608.0 lumens
Efficiency: N/A
Efficacy: 49.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1298622

CATALOG NUMBER: P3A13R65W2N902750DE010 E3DLD1WMH_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1298622

CATALOG NUMBER: P3A13R65W2N902750DE010 E3DLD1WMH_5000K

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	0		
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91		
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82		
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74		
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67		
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61		
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56		
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51		
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47		
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44		
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	108193
5°	106735
10°	103160
15°	97299
20°	89724
25°	81464
30°	72138
35°	61382
40°	48834
45°	34484
50°	20025
55°	10934
60°	10175
65°	9236
70°	8399
75°	7879
80°	6819
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 34484 cd/sqm

TEST NUMBER: P1298622

CATALOG NUMBER: P3A13R65W2N902750DE010 E3DLD1WMH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.6	7.5
10°-20°	119.9	19.7
20°-30°	154.1	25.3
30°-40°	142.5	23.4
40°-50°	86.0	14.2
50°-60°	29.4	4.8
60°-70°	17.7	2.9
70°-80°	10.0	1.6
80°-90°	2.8	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°	319.6	52.6
0°-40°	462.1	76.0
0°-60°	577.6	95.0
0°-90°	608.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	608.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	493	
5°	485	46
15°	429	120
25°	337	154
35°	229	143
45°	111	86
55°	29	29
65°	18	18
75°	9	10
85°	2	3
90°	0	

TEST NUMBER: P1298622

CATALOG NUMBER: P3A13R65W2N902750DE010 E3DLD1WMH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	493.4
2.5°	491.1
5°	484.9
7.5°	475.7
10°	463.3
12.5°	447.9
15°	428.6
17.5°	407.7
20°	384.5
22.5°	360.6
25°	336.7
27.5°	311.2
30°	284.9
32.5°	258.7
35°	229.3
37.5°	200.8
40°	170.6
42.5°	140.5
45°	111.2
47.5°	84.2
50°	58.7
52.5°	37.1
55°	28.6
57.5°	25.5
60°	23.2
62.5°	20.1
65°	17.8
67.5°	15.4
70°	13.1
72.5°	11.6
75°	9.3
77.5°	7.7
80°	5.4
82.5°	3.9
85°	2.3
87.5°	1.5
90°	0.0

(END OF REPORT)