

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: P1298595

Luminaire Tested: P3A13R65W2N902750DE010 E3DLD1GPH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298595
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 E3DLD1GPH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

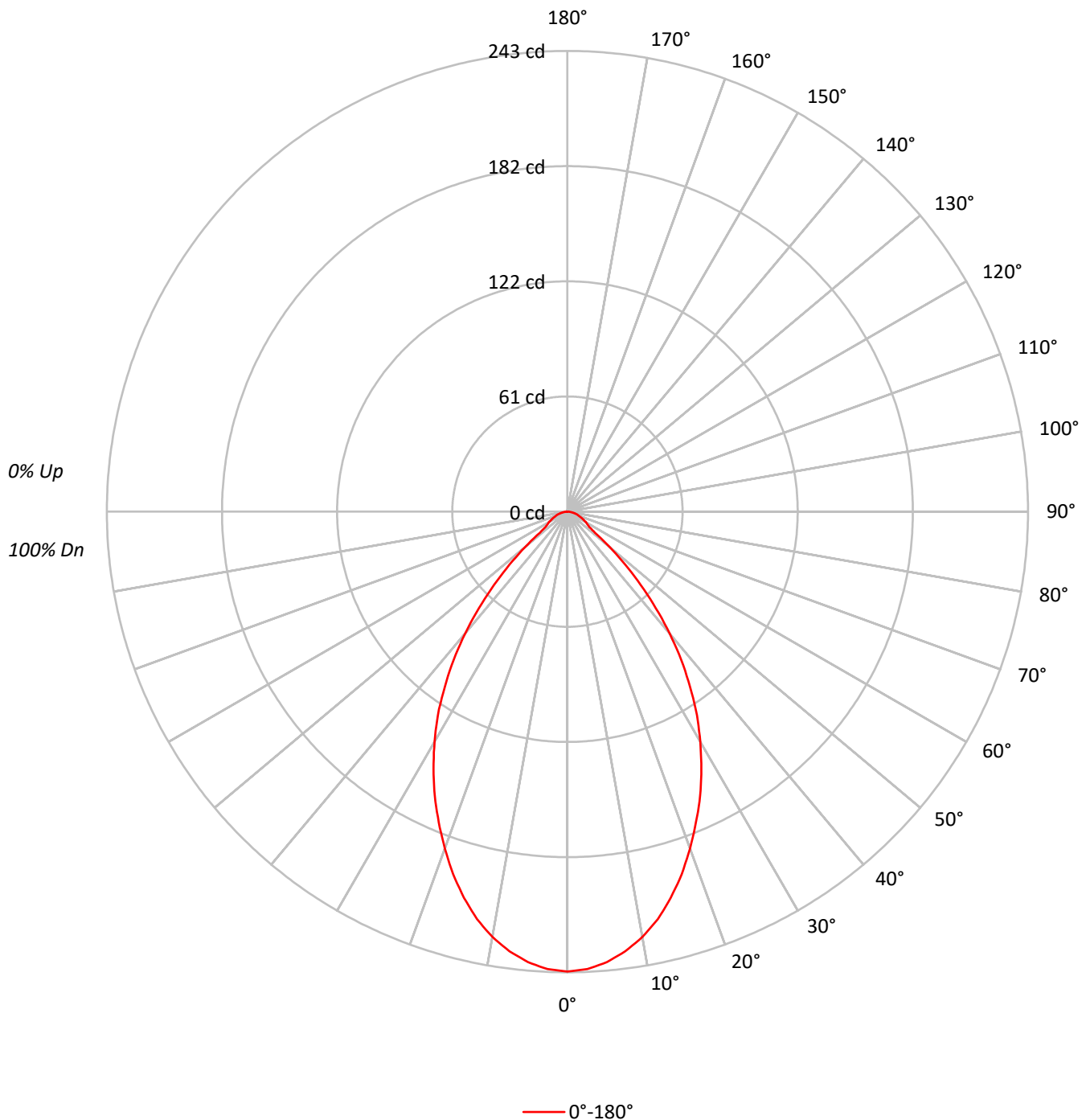
Lumens per Lamp: N/A
Luminaire Lumens: 299.0 lumens
Efficiency: N/A
Efficacy: 24.3 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.95 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1298595

CATALOG NUMBER: P3A13R65W2N902750DE010 E3DLD1GPH_3500K

Luminous Intensity Polar Plot





TEST NUMBER: P1298595

CATALOG NUMBER: P3A13R65W2N902750DE010 E3DLD1GPH_3500K

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°	53197
5°	52498
10°	50723
15°	47855
20°	44127
25°	40067
30°	35474
35°	30196
40°	24016
45°	16963
50°	9859
55°	5390
60°	5000
65°	4514
70°	4167
75°	3897
80°	3410
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16963 cd/sqm

TEST NUMBER: P1298595

CATALOG NUMBER: P3A13R65W2N902750DE010 E3DLD1GPH_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.4	7.5
10°-20°	59.0	19.7
20°-30°	75.8	25.3
30°-40°	70.1	23.4
40°-50°	42.3	14.2
50°-60°	14.4	4.8
60°-70°	8.7	2.9
70°-80°	4.9	1.6
80°-90°	1.4	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°	157.2	52.6
0°-40°	227.2	76.0
0°-60°	284.0	95.0
0°-90°	299.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	299.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	243	
5°	238	22
15°	211	59
25°	166	76
35°	113	70
45°	55	42
55°	14	14
65°	9	9
75°	5	5
85°	1	1
90°	0	

TEST NUMBER: P1298595

CATALOG NUMBER: P3A13R65W2N902750DE010 E3DLD1GPH_3500K

CANDELA DISTRIBUTION (FULL):

0°	
0°	242.6
2.5°	241.5
5°	238.5
7.5°	233.9
10°	227.8
12.5°	220.2
15°	210.8
17.5°	200.5
20°	189.1
22.5°	177.3
25°	165.6
27.5°	153.0
30°	140.1
32.5°	127.2
35°	112.8
37.5°	98.7
40°	83.9
42.5°	69.1
45°	54.7
47.5°	41.4
50°	28.9
52.5°	18.2
55°	14.1
57.5°	12.5
60°	11.4
62.5°	9.9
65°	8.7
67.5°	7.6
70°	6.5
72.5°	5.7
75°	4.6
77.5°	3.8
80°	2.7
82.5°	1.9
85°	1.1
87.5°	0.8
90°	0.0

(END OF REPORT)