

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: P1298759

Luminaire Tested: P3AS13R65W2N902765DE010 E3DLD1GPH\_5000K

Issue Date: 1/30/2026

**Test Information**

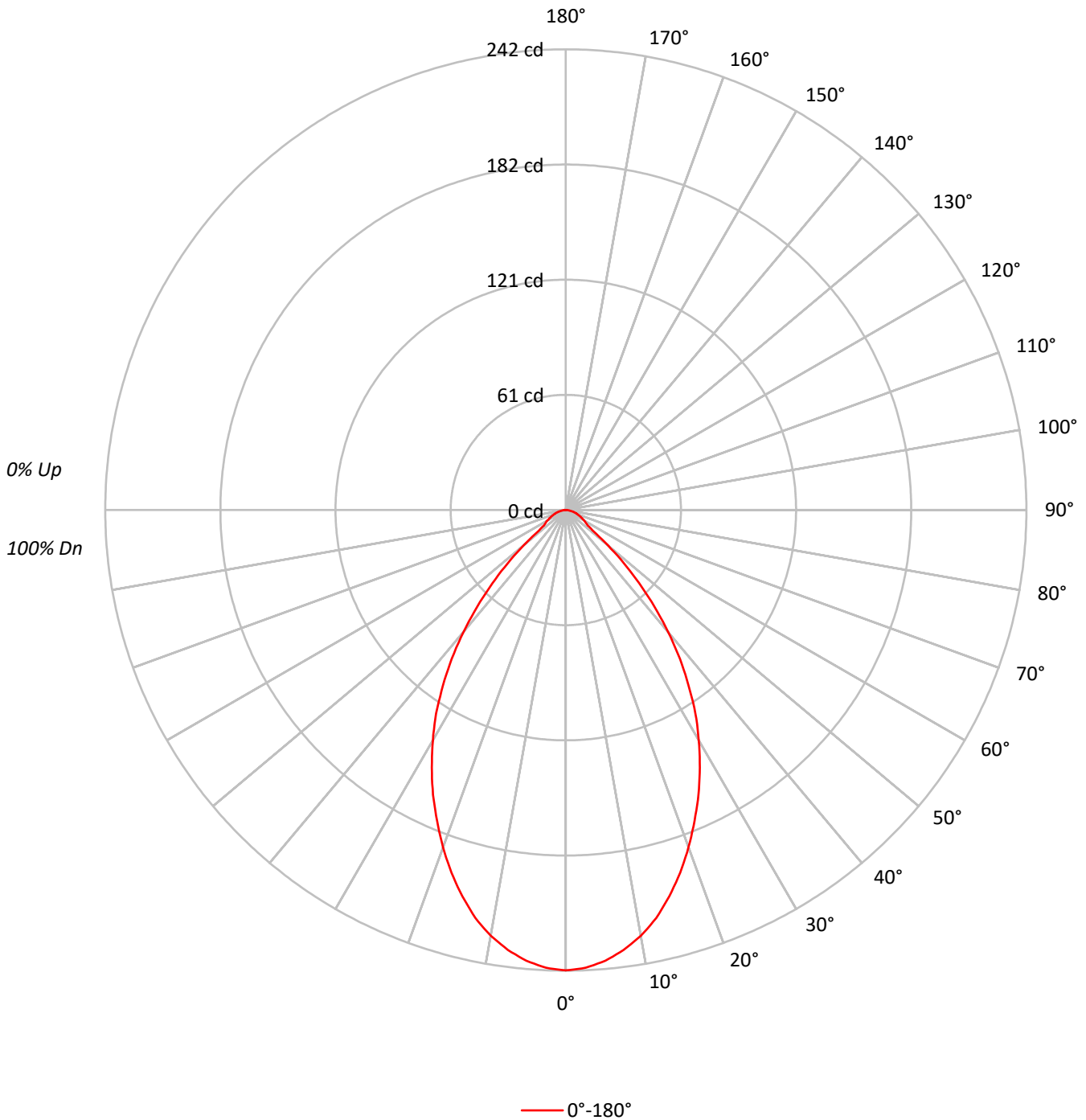
Test Method: LM-79-2019  
Report Number: P1298759  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R65W2N902765DE010 E3DLD1GPH\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 90CRI ,  
E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 298.0 lumens  
Efficiency: N/A  
Efficacy: 24.2 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: P1298759  
CATALOG NUMBER: P3AS13R65W2N902765DE010 E3DLD1GPH\_5000K

### Luminous Intensity Polar Plot





TEST NUMBER: P1298759  
 CATALOG NUMBER: P3AS13R65W2N902765DE010 E3DLD1GPH\_5000K

**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	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°	53022
5°	52322
10°	50567
15°	47673
20°	43987
25°	39922
30°	35373
35°	30089
40°	23931
45°	16901
50°	9825
55°	5352
60°	5000
65°	4514
70°	4103
75°	3813
80°	3283
85°	2768

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 16901 cd/sqm



TEST NUMBER: P1298759

CATALOG NUMBER: P3AS13R65W2N902765DE010 E3DLD1GPH\_5000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	22.4	7.5
10°-20°	58.8	19.7
20°-30°	75.5	25.3
30°-40°	69.9	23.4
40°-50°	42.2	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°	156.6	52.6
0°-40°	226.5	76.0
0°-60°	283.1	95.0
0°-90°	298.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	298.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	242	
5°	238	22
15°	210	59
25°	165	76
35°	112	70
45°	54	42
55°	14	14
65°	9	9
75°	4	5
85°	1	1
90°	0	



TEST NUMBER: P1298759  
CATALOG NUMBER: P3AS13R65W2N902765DE010 E3DLD1GPH\_5000K

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	241.8
2.5°	240.7
5°	237.7
7.5°	233.1
10°	227.1
12.5°	219.5
15°	210.0
17.5°	199.8
20°	188.5
22.5°	176.7
25°	165.0
27.5°	152.5
30°	139.7
32.5°	126.8
35°	112.4
37.5°	98.4
40°	83.6
42.5°	68.9
45°	54.5
47.5°	41.3
50°	28.8
52.5°	18.2
55°	14.0
57.5°	12.5
60°	11.4
62.5°	9.8
65°	8.7
67.5°	7.6
70°	6.4
72.5°	5.7
75°	4.5
77.5°	3.8
80°	2.6
82.5°	1.9
85°	1.1
87.5°	0.8
90°	0.0

(END OF REPORT)