

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: P1284114

Luminaire Tested: P3AS09R65B2750DE010 E3DLP1GPH\_3500K

Issue Date: 1/30/2026

**Test Information**

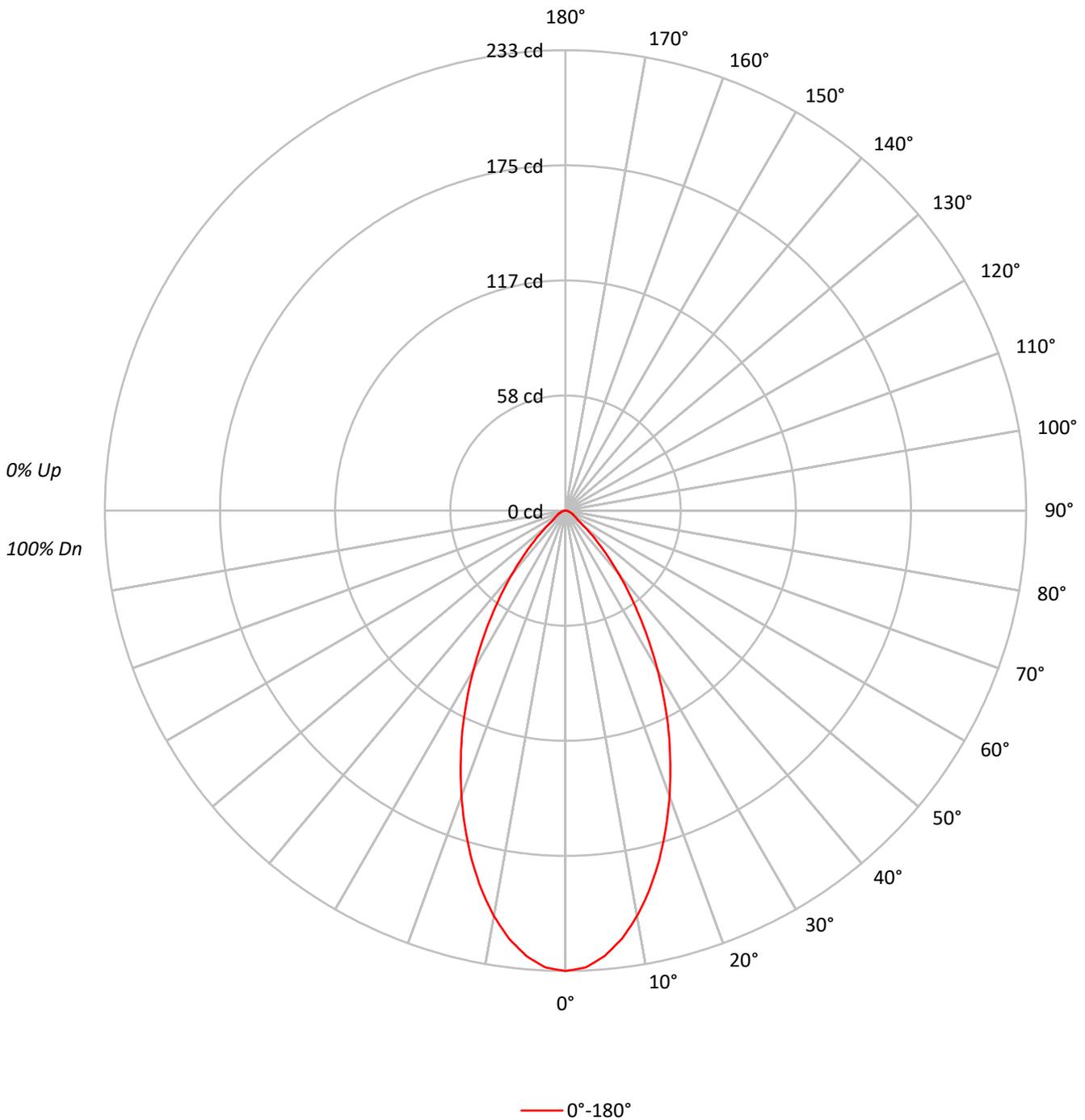
Test Method: LM-79-2019  
Report Number: P1284114  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R65B2750DE010 E3DLP1GPH\_3500K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 3500K CCT AND, 80CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 201.0 lumens  
Efficiency: N/A  
Efficacy: 15.3 lumens/watt  
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 13.1  
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: P1284114  
CATALOG NUMBER: P3AS09R65B2750DE010 E3DLP1GPH\_3500K

### Luminous Intensity Polar Plot





TEST NUMBER: P1284114  
 CATALOG NUMBER: P3AS09R65B2750DE010 E3DLP1GPH\_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	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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92			
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85			
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78			
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72			
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62			
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57			
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54			
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50			
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47			

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	51092
5°	49813
10°	46403
15°	41567
20°	35913
25°	29881
30°	23548
35°	17454
40°	12023
45°	7474
50°	4060
55°	2561
60°	2149
65°	1972
70°	1667
75°	1440
80°	1515
85°	1510

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 7474 cd/sqm



TEST NUMBER: P1284114

CATALOG NUMBER: P3AS09R65B2750DE010 E3DLP1GPH\_3500K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	21.0	10.5
10°-20°	50.9	25.3
20°-30°	56.3	28.0
30°-40°	40.9	20.3
40°-50°	19.2	9.5
50°-60°	6.5	3.2
60°-70°	3.7	1.9
70°-80°	1.9	1.0
80°-90°	0.7	0.3
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°	128.2	63.8
0°-40°	169.1	84.1
0°-60°	194.7	96.9
0°-90°	201.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	201.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	233	
5°	226	21
15°	183	51
25°	124	56
35°	65	41
45°	24	19
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1284114  
CATALOG NUMBER: P3AS09R65B2750DE010 E3DLP1GPH\_3500K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	233.0
2.5°	231.5
5°	226.3
7.5°	218.5
10°	208.4
12.5°	196.5
15°	183.1
17.5°	168.7
20°	153.9
22.5°	138.5
25°	123.5
27.5°	108.1
30°	93.0
32.5°	78.5
35°	65.2
37.5°	53.0
40°	42.0
42.5°	32.2
45°	24.1
47.5°	17.4
50°	11.9
52.5°	8.1
55°	6.7
57.5°	5.8
60°	4.9
62.5°	4.3
65°	3.8
67.5°	3.2
70°	2.6
72.5°	2.3
75°	1.7
77.5°	1.4
80°	1.2
82.5°	0.9
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)