

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: P1283907

Luminaire Tested: P3AS09R60B2750DE010 E3DL1GPH\_2700K

Issue Date: 1/30/2026

**Test Information**

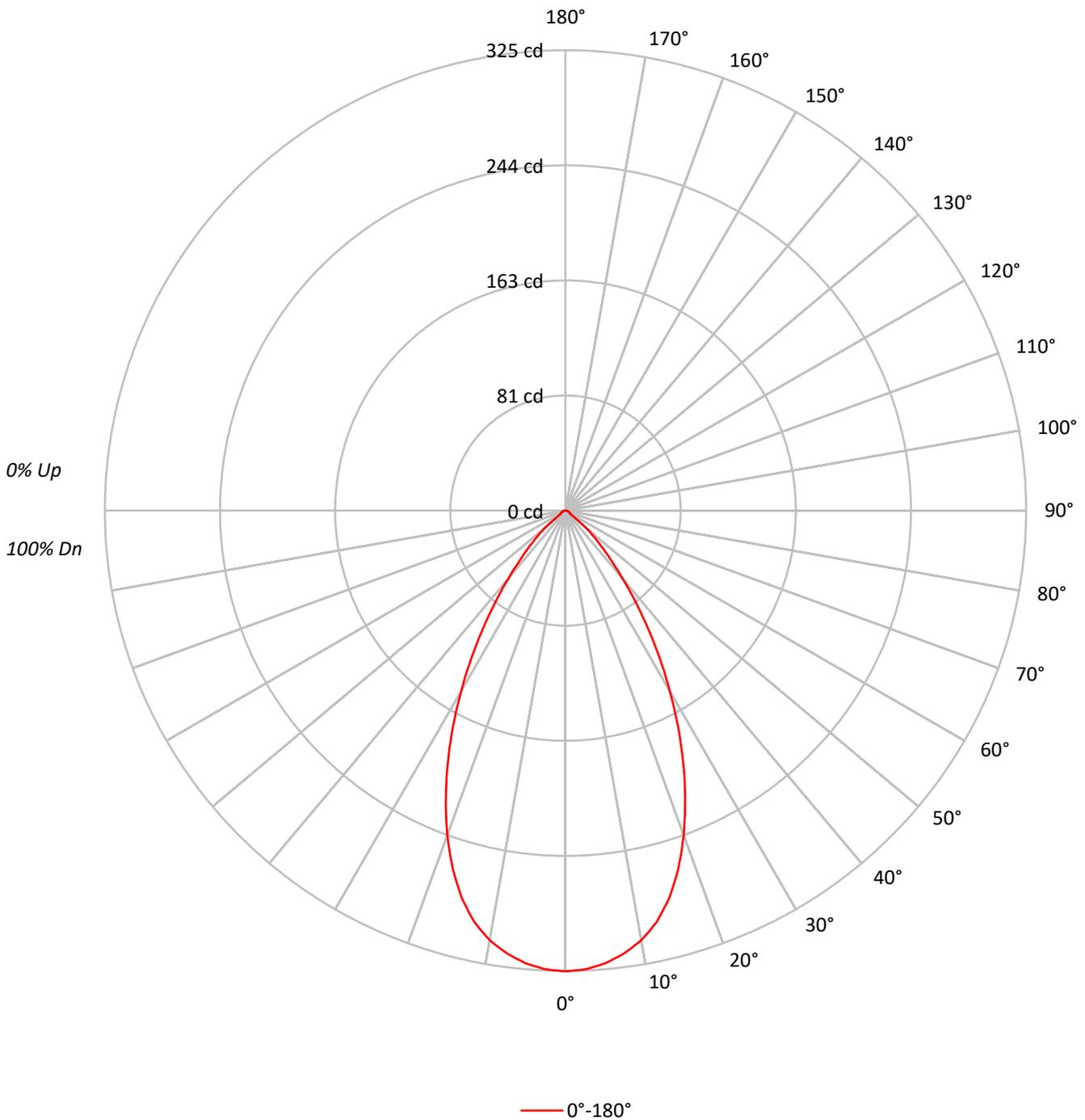
Test Method: LM-79-2019  
Report Number: P1283907  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R60B2750DE010 E3DL1GPH\_2700K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 302.0 lumens  
Efficiency: N/A  
Efficacy: 23.0 lumens/watt  
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87  
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

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### Luminous Intensity Polar Plot





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**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	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			
3	101	95	89	85	99	93	88	84	91	86	83	88	85	82	86	83	80	79			
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	75	73			
5	91	82	76	71	89	81	75	71	79	74	70	78	73	70	76	72	69	68			
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63			
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59			
8	77	68	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55			
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51			
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	49	48			

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

	0°
0°	71310
5°	70636
10°	68580
15°	64246
20°	56868
25°	47567
30°	37272
35°	27037
40°	18005
45°	11226
50°	6072
55°	1759
60°	1623
65°	1505
70°	1475
75°	1440
80°	1389
85°	1510

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 11226 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	30.2	10.0
10°-20°	78.5	26.0
20°-30°	89.5	29.6
30°-40°	63.5	21.0
40°-50°	28.8	9.5
50°-60°	6.1	2.0
60°-70°	2.9	1.0
70°-80°	1.8	0.6
80°-90°	0.6	0.2
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°	198.2	65.6
0°-40°	261.7	86.7
0°-60°	296.6	98.2
0°-90°	302.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	302.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	325	
5°	321	30
15°	283	79
25°	197	89
35°	101	63
45°	36	29
55°	5	6
65°	3	3
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	325.2
2.5°	324.1
5°	320.9
7.5°	315.4
10°	308.0
12.5°	297.4
15°	283.0
17.5°	264.9
20°	243.7
22.5°	220.7
25°	196.6
27.5°	171.9
30°	147.2
32.5°	123.7
35°	101.0
37.5°	80.9
40°	62.9
42.5°	47.6
45°	36.2
47.5°	27.0
50°	17.8
52.5°	8.3
55°	4.6
57.5°	4.0
60°	3.7
62.5°	3.4
65°	2.9
67.5°	2.6
70°	2.3
72.5°	2.0
75°	1.7
77.5°	1.4
80°	1.1
82.5°	0.9
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)