

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: P1294509

Luminaire Tested: P3AS09R60W2N902750DE010 E3DLP1GPH\_2700K

Issue Date: 1/30/2026

**Test Information**

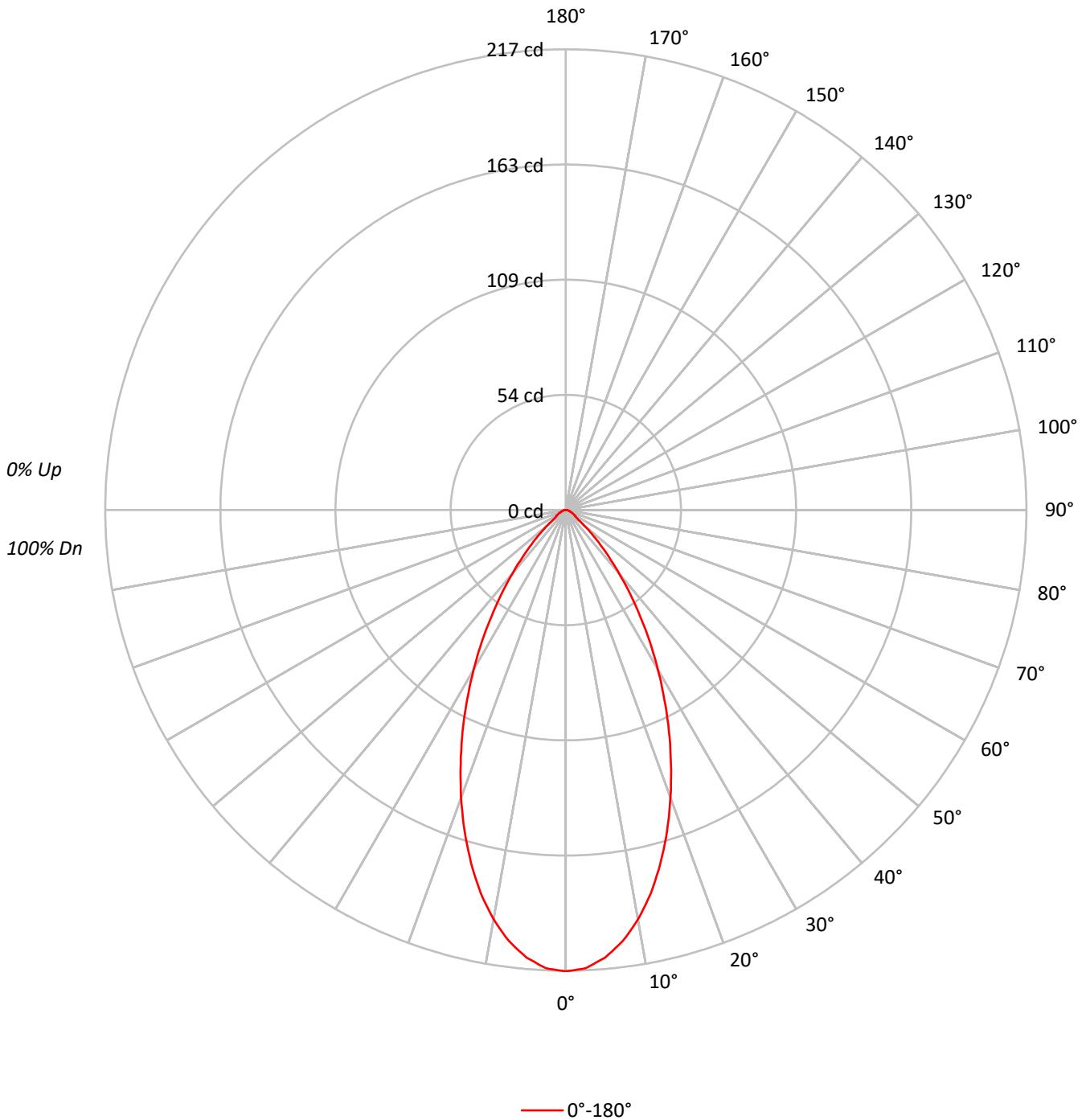
Test Method: LM-79-2019  
Report Number: P1294509  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R60W2N902750DE010 E3DLP1GPH\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI ,  
E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 188.0 lumens  
Efficiency: N/A  
Efficacy: 20.9 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): 9  
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: P1294509  
CATALOG NUMBER: P3AS09R60W2N902750DE010 E3DLP1GPH\_2700K

### Luminous Intensity Polar Plot





TEST NUMBER: P1294509  
 CATALOG NUMBER: P3AS09R60W2N902750DE010 E3DLP1GPH\_2700K

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				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				100
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92				92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	88	86	85				85
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	79	78				78
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62				62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57				57
8	77	67	60	56	75	66	60	56	65	60	56	64	59	55	63	58	55	54				54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	50				50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47				47

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

	0°
0°	47650
5°	46577
10°	43598
15°	39115
20°	33650
25°	27824
30°	21978
35°	16329
40°	11250
45°	7039
50°	3889
55°	2256
60°	2061
65°	1764
70°	1475
75°	1525
80°	1263
85°	1258

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 7039 cd/sqm



TEST NUMBER: P1294509

CATALOG NUMBER: P3AS09R60W2N902750DE010 E3DLP1GPH\_2700K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	19.7	10.5
10°-20°	47.9	25.5
20°-30°	52.5	27.9
30°-40°	38.2	20.3
40°-50°	18.1	9.6
50°-60°	5.9	3.2
60°-70°	3.4	1.8
70°-80°	1.8	1.0
80°-90°	0.6	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°	120.1	63.9
0°-40°	158.3	84.2
0°-60°	182.3	96.9
0°-90°	188.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	188.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	217	
5°	212	20
15°	172	48
25°	115	52
35°	61	38
45°	23	18
55°	6	6
65°	3	3
75°	2	2
85°	0	1
90°	0	



TEST NUMBER: P1294509  
CATALOG NUMBER: P3AS09R60W2N902750DE010 E3DLP1GPH\_2700K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	217.3
2.5°	216.0
5°	211.6
7.5°	204.9
10°	195.8
12.5°	185.0
15°	172.3
17.5°	158.6
20°	144.2
22.5°	129.4
25°	115.0
27.5°	100.5
30°	86.8
32.5°	73.6
35°	61.0
37.5°	49.6
40°	39.3
42.5°	30.2
45°	22.7
47.5°	16.5
50°	11.4
52.5°	7.5
55°	5.9
57.5°	5.2
60°	4.7
62.5°	3.9
65°	3.4
67.5°	2.8
70°	2.3
72.5°	2.1
75°	1.8
77.5°	1.3
80°	1.0
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)