

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: P1283904

Luminaire Tested: P3AS09R60B2750DE010 E3D1WMH_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283904
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R60B2750DE010 E3D1WMH_3500K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 3500K CCT AND, 80CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

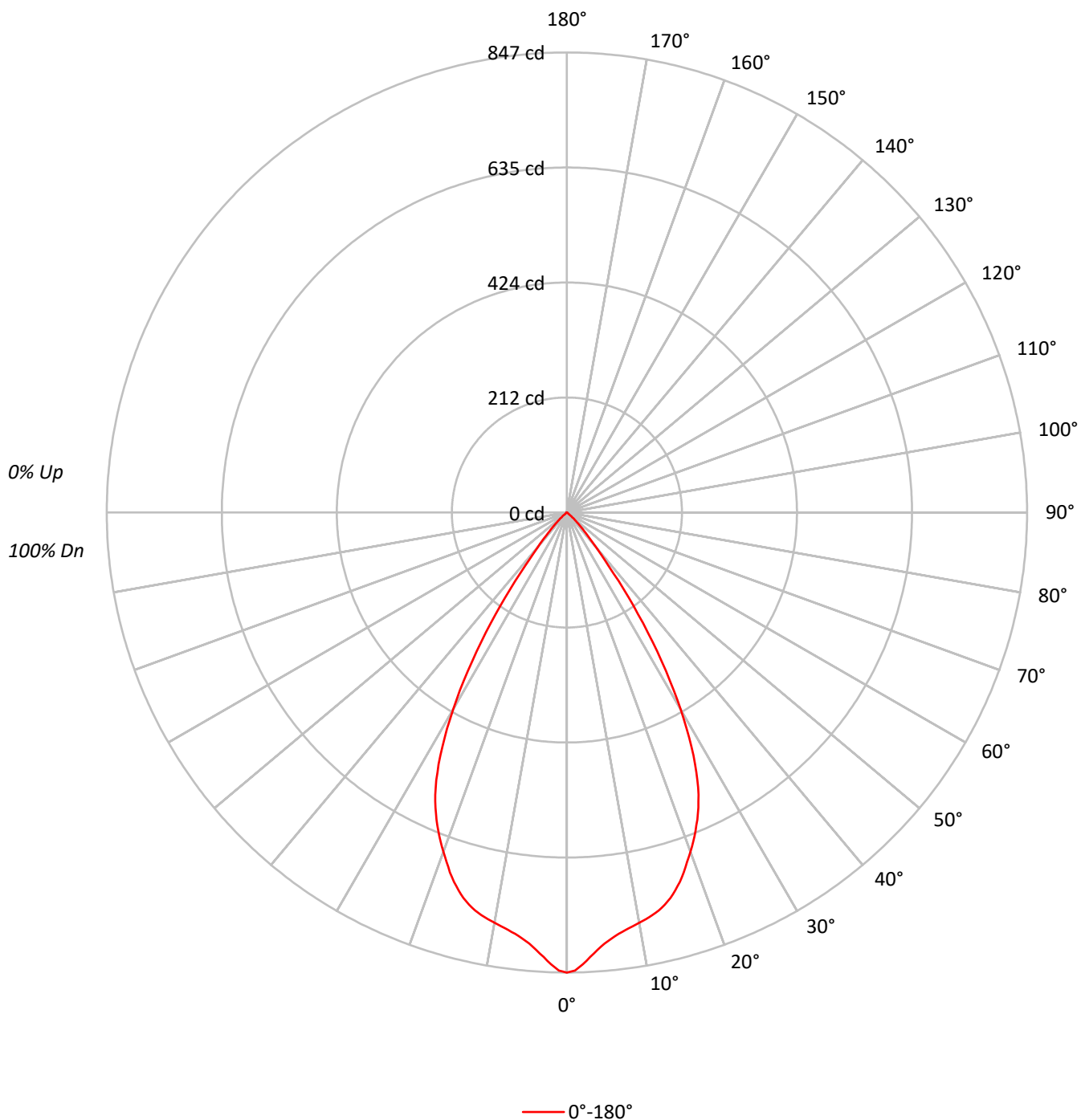
Lumens per Lamp: N/A
Luminaire Lumens: 709.0 lumens
Efficiency: N/A
Efficacy: 54.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1283904

CATALOG NUMBER: P3AS09R60B2750DE010 E3D1WMH_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1283904

CATALOG NUMBER: P3AS09R60B2750DE010 E3D1WMH_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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94		
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88		
3	103	97	92	88	101	96	91	88	93	89	86	91	87	85	88	86	84	82		
4	98	91	85	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77		
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72		
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	71	69	67		
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63		
8	81	71	65	61	79	71	65	61	70	65	61	69	64	61	68	64	61	59		
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56		
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	185775
5°	175368
10°	170805
15°	166902
20°	155180
25°	138734
30°	105966
35°	61168
40°	23730
45°	9892
50°	2183
55°	344
60°	263
65°	156
70°	192
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9892 cd/sqm

TEST NUMBER: P1283904

CATALOG NUMBER: P3AS09R60B2750DE010 E3D1WMH_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.2	10.6
10°-20°	204.8	28.9
20°-30°	256.5	36.2
30°-40°	143.4	20.2
40°-50°	27.3	3.8
50°-60°	1.4	0.2
60°-70°	0.3	0.0
70°-80°	0.1	0.0
80°-90°	0.0	0.0
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°	536.5	75.7
0°-40°	679.9	95.9
0°-60°	708.6	99.9
0°-90°	709.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	709.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	847	
5°	797	75
15°	735	205
25°	573	257
35°	228	143
45°	32	27
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	847.2
1°	843.7
2°	832.7
3°	819.6
4°	807.4
5°	796.7
6°	788.6
7°	781.6
8°	776.4
9°	771.5
10°	767.1
11°	762.8
12°	757.8
13°	751.8
14°	744.5
15°	735.2
16°	723.9
17°	711.1
18°	696.6
19°	680.1
20°	665.0
21°	648.8
22°	632.0
23°	614.3
24°	594.8
25°	573.4
26°	548.2
27°	520.0
28°	488.4
29°	454.8
30°	418.5
31°	382.0
32°	344.3
32.5°	323.7
33°	305.1
34°	266.5
35°	228.5
36°	194.3
37°	158.1
37.5°	141.5
38°	125.3
39°	100.9
40°	82.9
42.5°	50.5
45°	31.9



TEST NUMBER: P1283904

CATALOG NUMBER: P3AS09R60B2750DE010 E3D1WMH_3500K

CANDELA DISTRIBUTION (continued):

	0°
47.5°	17.7
50°	6.4
52.5°	1.5
55°	0.9
57.5°	0.6
60°	0.6
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.3
72.5°	0.3
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)