

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: P1285628

Luminaire Tested: P3AS13R60B2750DE010 E3D1WMH_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285628
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: P3AS13R60B2750DE010 E3D1WMH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

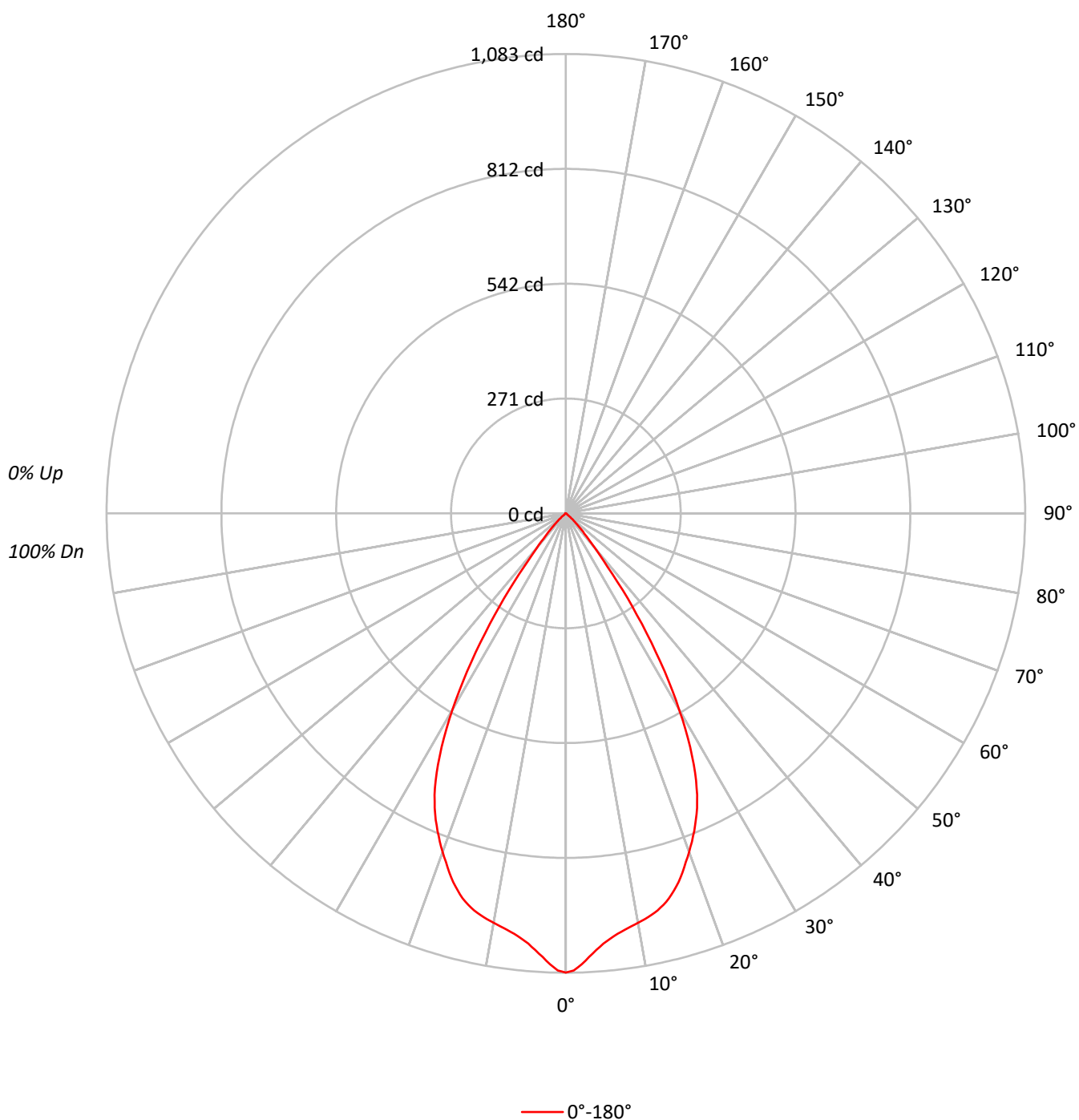
Lumens per Lamp: N/A
Luminaire Lumens: 906.0 lumens
Efficiency: N/A
Efficacy: 47.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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: P1285628

CATALOG NUMBER: P3AS13R60B2750DE010 E3D1WMH_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1285628

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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	0		
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°	237393
5°	224102
10°	218277
15°	213282
20°	198304
25°	177276
30°	135413
35°	78166
40°	30343
45°	12652
50°	2797
55°	421
60°	307
65°	208
70°	256
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12652 cd/sqm

TEST NUMBER: P1285628

CATALOG NUMBER: P3AS13R60B2750DE010 E3D1WMH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.1	10.6
10°-20°	261.7	28.9
20°-30°	327.8	36.2
30°-40°	183.2	20.2
40°-50°	34.8	3.8
50°-60°	1.8	0.2
60°-70°	0.4	0.0
70°-80°	0.2	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°	685.6	75.7
0°-40°	868.8	95.9
0°-60°	905.5	99.9
0°-90°	906.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	906.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1083	
5°	1018	96
15°	940	262
25°	733	328
35°	292	183
45°	41	35
55°	1	2
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1285628

CATALOG NUMBER: P3AS13R60B2750DE010 E3D1WMH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1082.6
1°	1078.1
2°	1064.0
3°	1047.4
4°	1031.8
5°	1018.1
6°	1007.7
7°	998.8
8°	992.1
9°	985.8
10°	980.3
11°	974.7
12°	968.4
13°	960.6
14°	951.4
15°	939.5
16°	925.1
17°	908.7
18°	890.2
19°	869.1
20°	849.8
21°	829.1
22°	807.6
23°	785.0
24°	760.1
25°	732.7
26°	700.5
27°	664.5
28°	624.1
29°	581.1
30°	534.8
31°	488.1
32°	439.9
32.5°	413.6
33°	389.9
34°	340.6
35°	292.0
36°	248.3
37°	202.0
37.5°	180.9
38°	160.1
39°	129.0
40°	106.0
42.5°	64.5
45°	40.8



TEST NUMBER: P1285628

CATALOG NUMBER: P3AS13R60B2750DE010 E3D1WMH_3000K

CANDELA DISTRIBUTION (continued):

	0°
47.5°	22.6
50°	8.2
52.5°	1.9
55°	1.1
57.5°	0.7
60°	0.7
62.5°	0.4
65°	0.4
67.5°	0.4
70°	0.4
72.5°	0.4
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)