

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: P1285921

Luminaire Tested: P3AS13R70B2750DE010 E3D1WMH_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285921
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R70B2750DE010 E3D1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 5000K CCT AND, 80CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

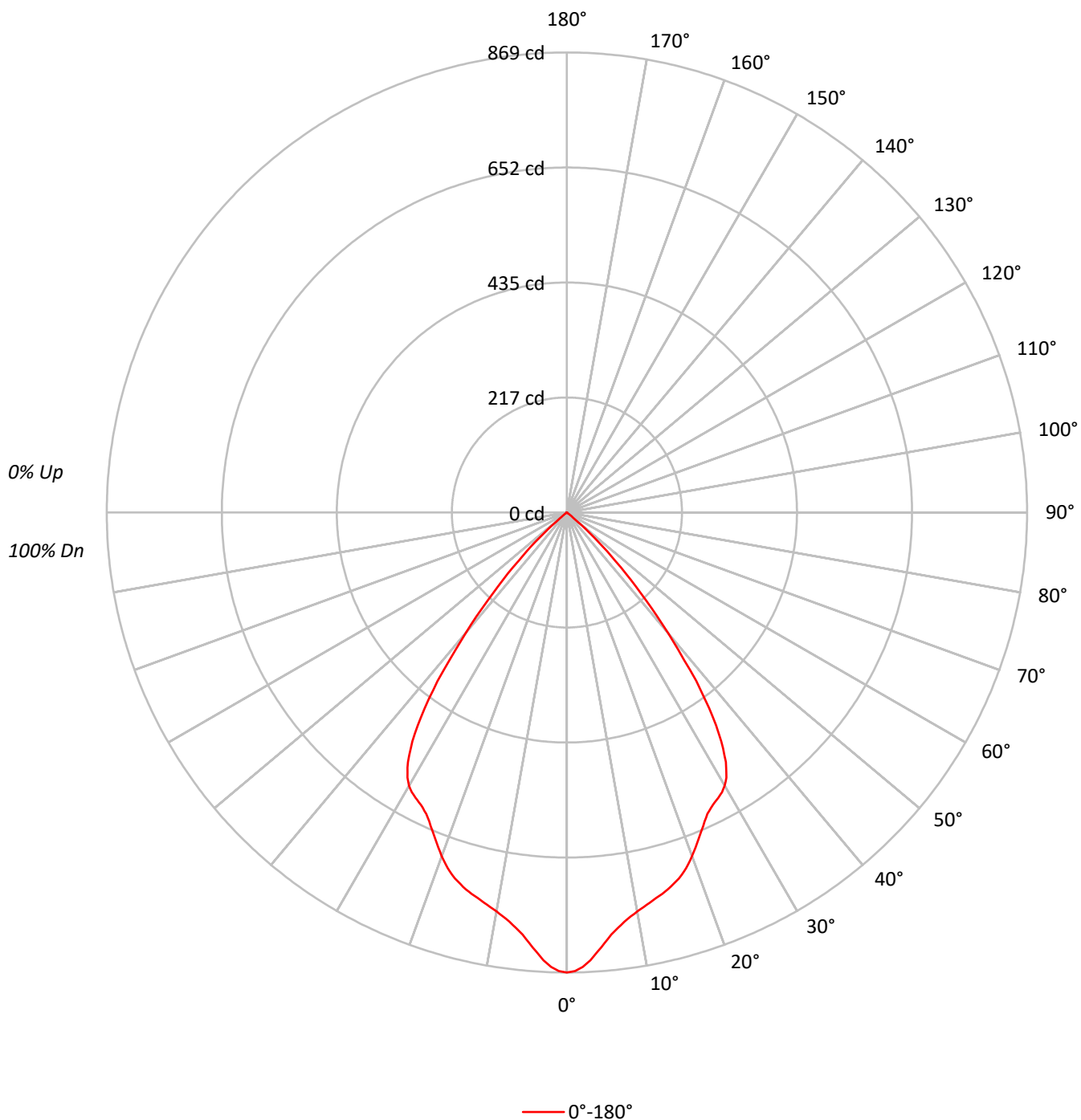
Lumens per Lamp: N/A
Luminaire Lumens: 980.0 lumens
Efficiency: N/A
Efficacy: 51.3 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1285921

CATALOG NUMBER: P3AS13R70B2750DE010 E3D1WMH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1285921

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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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		86
4	95	87	81	77	94	86	81	77	84	79	76		82	78	75		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	75	69	64	83	75	69	64	73	68	64		72	67	63		70
7	80	70	64	59	79	70	63	59	68	63	59		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		55	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	190555
5°	179683
10°	170382
15°	167311
20°	161271
25°	152017
30°	150935
35°	131464
40°	85016
45°	40190
50°	5629
55°	459
60°	351
65°	415
70°	256
75°	339
80°	505
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 40190 cd/sqm

TEST NUMBER: P1285921

CATALOG NUMBER: P3AS13R70B2750DE010 E3D1WMH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.2	7.8
10°-20°	207.0	21.1
20°-30°	292.8	29.9
30°-40°	294.2	30.0
40°-50°	105.8	10.8
50°-60°	2.8	0.3
60°-70°	0.6	0.1
70°-80°	0.4	0.0
80°-90°	0.1	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°	576.0	58.8
0°-40°	870.2	88.8
0°-60°	978.9	99.9
0°-90°	980.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	980.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	869	
5°	816	76
15°	737	207
25°	628	293
35°	491	294
45°	130	106
55°	1	3
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1285921

CATALOG NUMBER: P3AS13R70B2750DE010 E3D1WMH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	869.0
1°	866.6
2°	858.9
3°	846.9
4°	831.6
5°	816.3
6°	801.8
7°	790.5
8°	780.4
9°	772.4
10°	765.2
11°	759.1
12°	753.5
13°	747.8
14°	742.6
15°	737.0
16°	730.1
17°	722.9
18°	714.0
19°	703.2
20°	691.1
21°	677.8
22°	664.5
23°	651.6
24°	639.2
25°	628.3
26°	620.7
27°	614.6
28°	609.8
29°	604.2
30°	596.1
31°	584.4
32°	567.9
32.5°	558.7
33°	546.2
34°	521.6
35°	491.1
36°	457.2
37°	419.0
37.5°	401.3
38°	377.1
39°	334.1
40°	297.0
42.5°	205.7
45°	129.6



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CATALOG NUMBER: P3AS13R70B2750DE010 E3D1WMH_5000K

CANDELA DISTRIBUTION (continued):

	0°
47.5°	69.6
50°	16.5
52.5°	2.0
55°	1.2
57.5°	1.2
60°	0.8
62.5°	0.8
65°	0.8
67.5°	0.4
70°	0.4
72.5°	0.4
75°	0.4
77.5°	0.4
80°	0.4
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)