

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: P1285875

Luminaire Tested: P3AS13R70B2750DE010 E3CB1MMS_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285875
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-48)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R70B2750DE010 E3CB1MMS_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 4000K CCT AND, 80CRI , E3CB1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

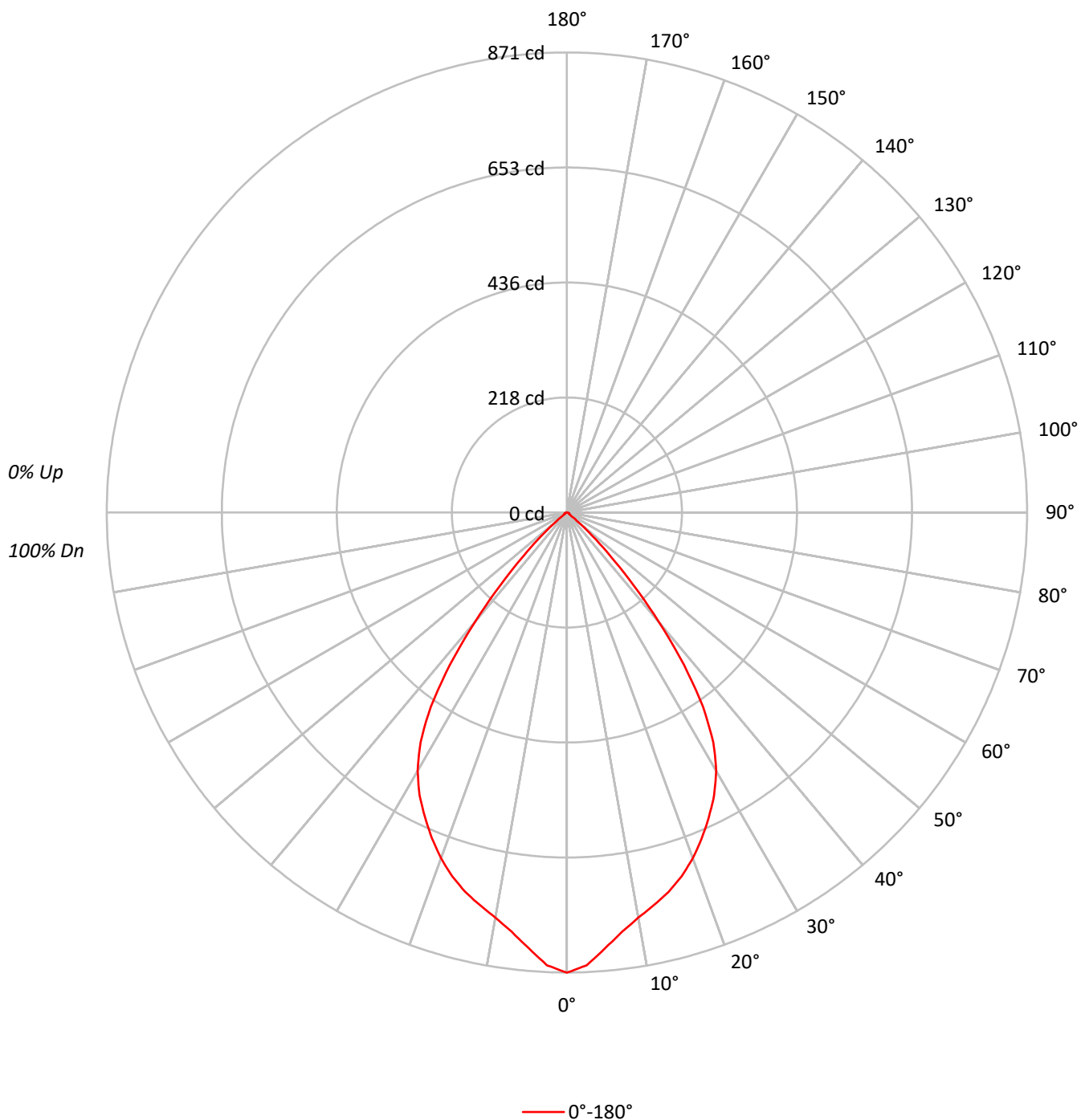
Lumens per Lamp: N/A
Luminaire Lumens: 962.0 lumens
Efficiency: N/A
Efficacy: 50.4 lumens/watt
Spacing Criteria (0/90/45): 1.01 / 1.01 / 1.03
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1285875

CATALOG NUMBER: P3AS13R70B2750DE010 E3CB1MMS_4000K

Luminous Intensity Polar Plot





TEST NUMBER: P1285875

CATALOG NUMBER: P3AS13R70B2750DE010 E3CB1MMS_4000K

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	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93		
2	107	102	97	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85		
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	82	80	78		
4	95	87	81	77	94	86	81	76	84	79	75	82	78	75	80	77	74	72		
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66		
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61		
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57		
8	76	66	59	55	75	65	59	55	64	58	55	63	58	54	62	57	54	53		
9	72	62	55	51	71	61	55	51	60	55	51	59	54	50	58	54	50	49		
10	68	58	52	47	67	57	51	47	56	51	47	56	51	47	55	50	47	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	191037
5°	182280
10°	173433
15°	168786
20°	162554
25°	153856
30°	143085
35°	120194
40°	77459
45°	36004
50°	9450
55°	2370
60°	2368
65°	1972
70°	1988
75°	1949
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36004 cd/sqm

TEST NUMBER: P1285875

CATALOG NUMBER: P3AS13R70B2750DE010 E3CB1MMS_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.5	8.1
10°-20°	208.9	21.7
20°-30°	291.9	30.3
30°-40°	270.6	28.1
40°-50°	97.0	10.1
50°-60°	8.2	0.9
60°-70°	4.1	0.4
70°-80°	2.6	0.3
80°-90°	1.0	0.1
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°	578.3	60.1
0°-40°	849.0	88.3
0°-60°	954.2	99.2
0°-90°	962.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	962.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	871	
5°	828	78
15°	744	209
25°	636	292
35°	449	271
45°	116	97
55°	6	8
65°	4	4
75°	2	3
85°	1	1
90°	0	

TEST NUMBER: P1285875

CATALOG NUMBER: P3AS13R70B2750DE010 E3CB1MMS_4000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	871.2
2.5°	858.1
5°	828.1
7.5°	800.4
10°	778.9
12.5°	761.2
15°	743.5
17.5°	722.0
20°	696.6
22.5°	667.4
25°	635.9
27.5°	603.6
30°	565.1
32.5°	515.9
35°	449.0
37.5°	363.7
40°	270.6
42.5°	184.5
45°	116.1
47.5°	64.6
50°	27.7
52.5°	9.2
55°	6.2
57.5°	5.4
60°	5.4
62.5°	4.6
65°	3.8
67.5°	3.8
70°	3.1
72.5°	3.1
75°	2.3
77.5°	2.3
80°	1.5
82.5°	1.5
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)