

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: P1285951

Luminaire Tested: P3AS13R70B2750DE010 E3DL1WMH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285951
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R70B2750DE010 E3DL1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 5000K CCT AND, 80CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

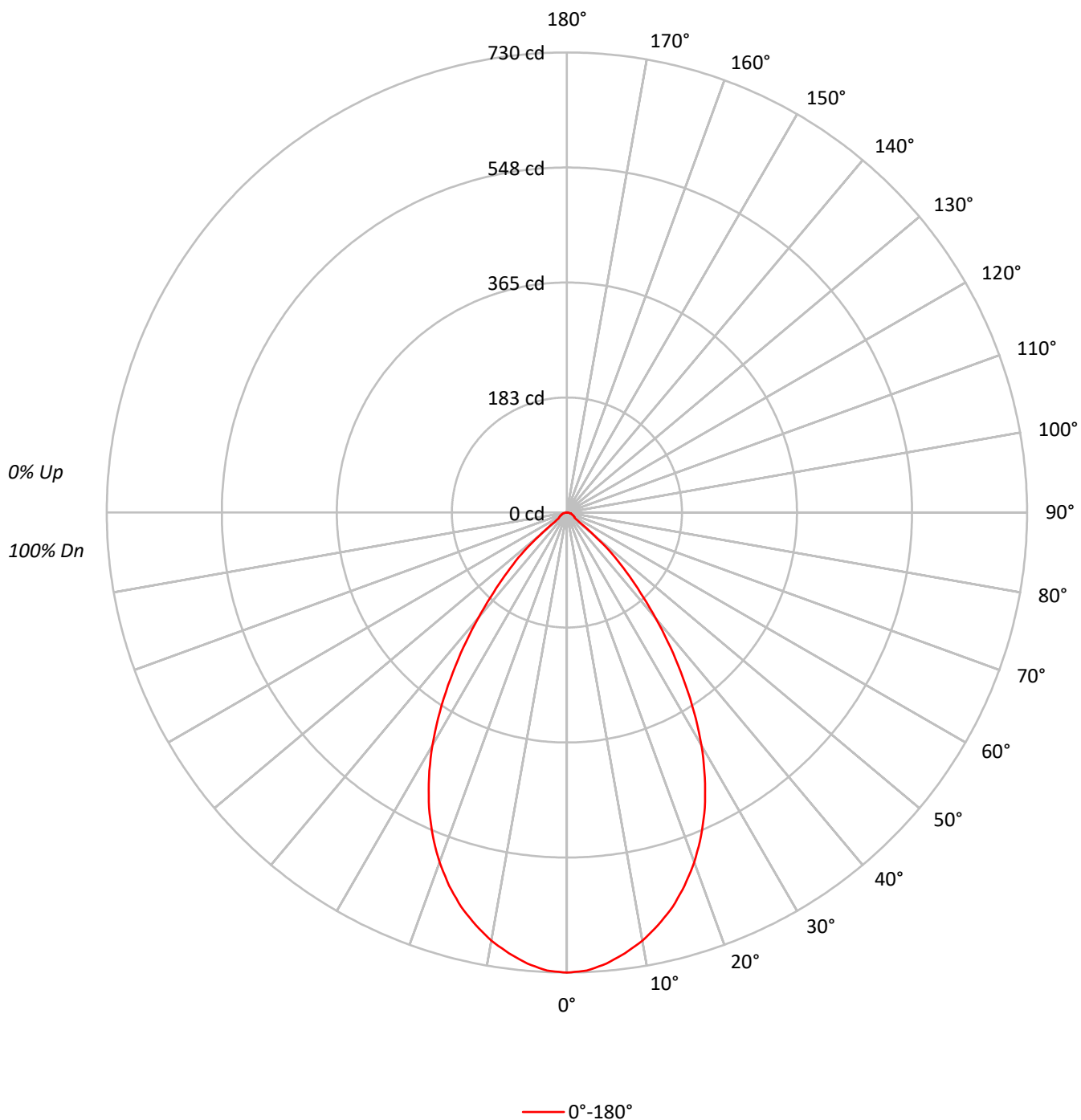
Lumens per Lamp: N/A
Luminaire Lumens: 827.0 lumens
Efficiency: N/A
Efficacy: 43.3 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1285951

CATALOG NUMBER: P3AS13R70B2750DE010 E3DL1WMH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1285951

CATALOG NUMBER: P3AS13R70B2750DE010 E3DL1WMH_5000K

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	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	160097
5°	158177
10°	153616
15°	147106
20°	137795
25°	125185
30°	108143
35°	86170
40°	62775
45°	41245
50°	19343
55°	5964
60°	5745
65°	5552
70°	5257
75°	5592
80°	5177
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 41245 cd/sqm

TEST NUMBER: P1285951

CATALOG NUMBER: P3AS13R70B2750DE010 E3DL1WMH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.7	8.2
10°-20°	181.4	21.9
20°-30°	235.7	28.5
30°-40°	200.0	24.2
40°-50°	103.1	12.5
50°-60°	19.9	2.4
60°-70°	10.8	1.3
70°-80°	6.6	0.8
80°-90°	1.9	0.2
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°	484.7	58.6
0°-40°	684.7	82.8
0°-60°	807.7	97.7
0°-90°	827.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	827.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	730	
5°	719	68
15°	648	181
25°	517	236
35°	322	200
45°	133	103
55°	16	20
65°	11	11
75°	7	7
85°	2	2
90°	0	

TEST NUMBER: P1285951

CATALOG NUMBER: P3AS13R70B2750DE010 E3DL1WMH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	730.1
2.5°	727.7
5°	718.6
7.5°	705.5
10°	689.9
12.5°	670.2
15°	648.0
17.5°	620.9
20°	590.5
22.5°	556.0
25°	517.4
27.5°	473.9
30°	427.1
32.5°	375.3
35°	321.9
37.5°	269.4
40°	219.3
42.5°	172.5
45°	133.0
47.5°	97.7
50°	56.7
52.5°	24.6
55°	15.6
57.5°	14.8
60°	13.1
62.5°	12.3
65°	10.7
67.5°	9.9
70°	8.2
72.5°	7.4
75°	6.6
77.5°	4.9
80°	4.1
82.5°	2.5
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)