

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: P1285948

Luminaire Tested: P3AS13R70B2750DE010 E3DL1WMH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285948
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_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

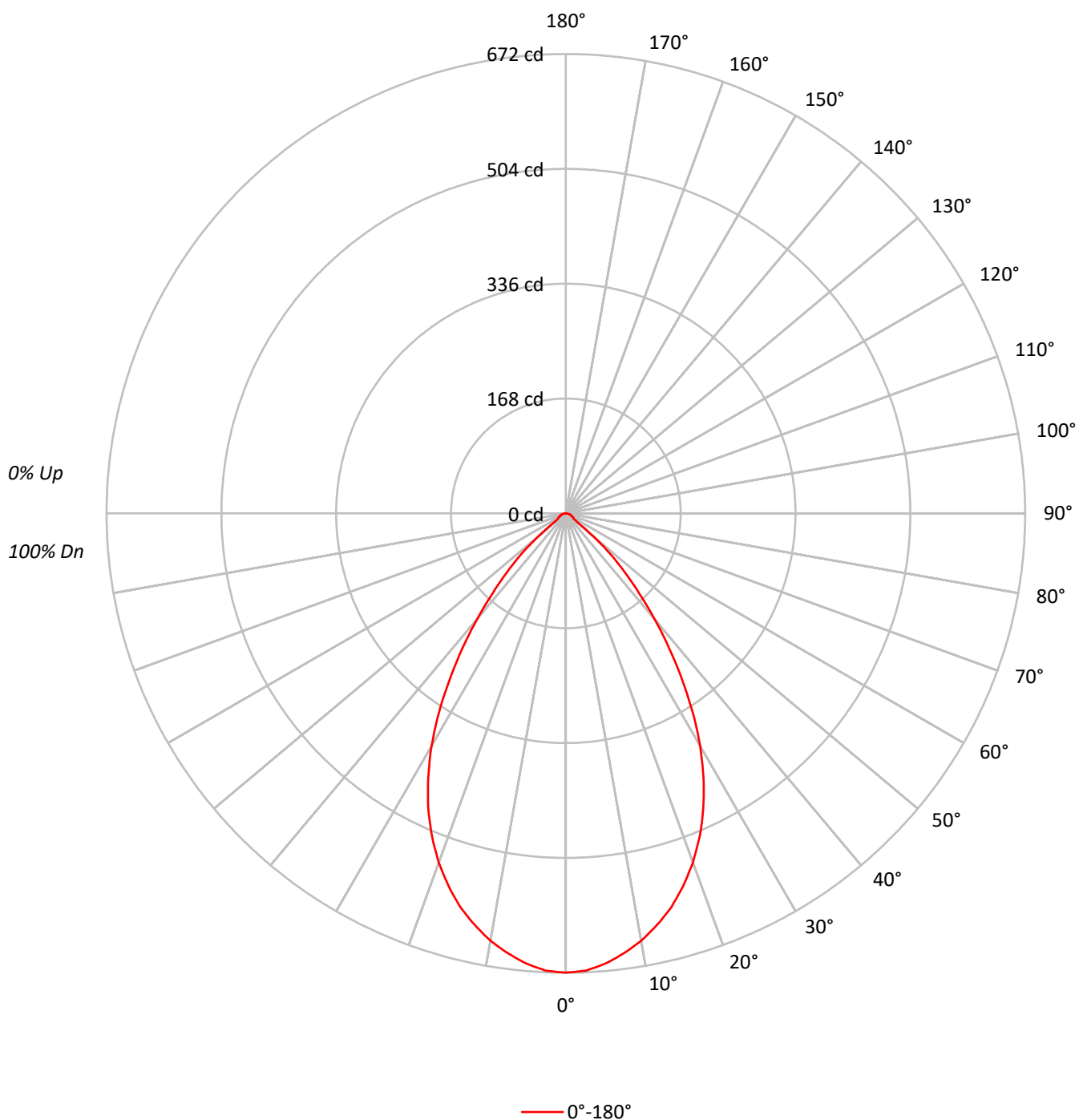
Lumens per Lamp: N/A
Luminaire Lumens: 761.0 lumens
Efficiency: N/A
Efficacy: 39.8 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1285948

CATALOG NUMBER: P3AS13R70B2750DE010 E3DL1WMH_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1285948

CATALOG NUMBER: P3AS13R70B2750DE010 E3DL1WMH_3000K

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	92	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°	147313
5°	145564
10°	141347
15°	135370
20°	126804
25°	115192
30°	99509
35°	79290
40°	57765
45°	37957
50°	17773
55°	5505
60°	5307
65°	5085
70°	4873
75°	5083
80°	4799
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 37957 cd/sqm

TEST NUMBER: P1285948

CATALOG NUMBER: P3AS13R70B2750DE010 E3DL1WMH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.3	8.2
10°-20°	166.9	21.9
20°-30°	216.9	28.5
30°-40°	184.0	24.2
40°-50°	94.9	12.5
50°-60°	18.3	2.4
60°-70°	9.9	1.3
70°-80°	6.1	0.8
80°-90°	1.8	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°	446.0	58.6
0°-40°	630.1	82.8
0°-60°	743.3	97.7
0°-90°	761.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	761.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	672	
5°	661	62
15°	596	167
25°	476	217
35°	296	184
45°	122	95
55°	14	18
65°	10	10
75°	6	6
85°	2	2
90°	0	

TEST NUMBER: P1285948

CATALOG NUMBER: P3AS13R70B2750DE010 E3DL1WMH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	671.8
2.5°	669.6
5°	661.3
7.5°	649.2
10°	634.8
12.5°	616.7
15°	596.3
17.5°	571.3
20°	543.4
22.5°	511.6
25°	476.1
27.5°	436.1
30°	393.0
32.5°	345.4
35°	296.2
37.5°	247.9
40°	201.8
42.5°	158.7
45°	122.4
47.5°	89.9
50°	52.1
52.5°	22.7
55°	14.4
57.5°	13.6
60°	12.1
62.5°	11.3
65°	9.8
67.5°	9.1
70°	7.6
72.5°	6.8
75°	6.0
77.5°	4.5
80°	3.8
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)