

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: P1285401

Luminaire Tested: P3AS13R50B2750DE010 E3DLD1WMH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285401
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R50B2750DE010 E3DLD1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R50 optic, 5000K CCT AND, 80CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

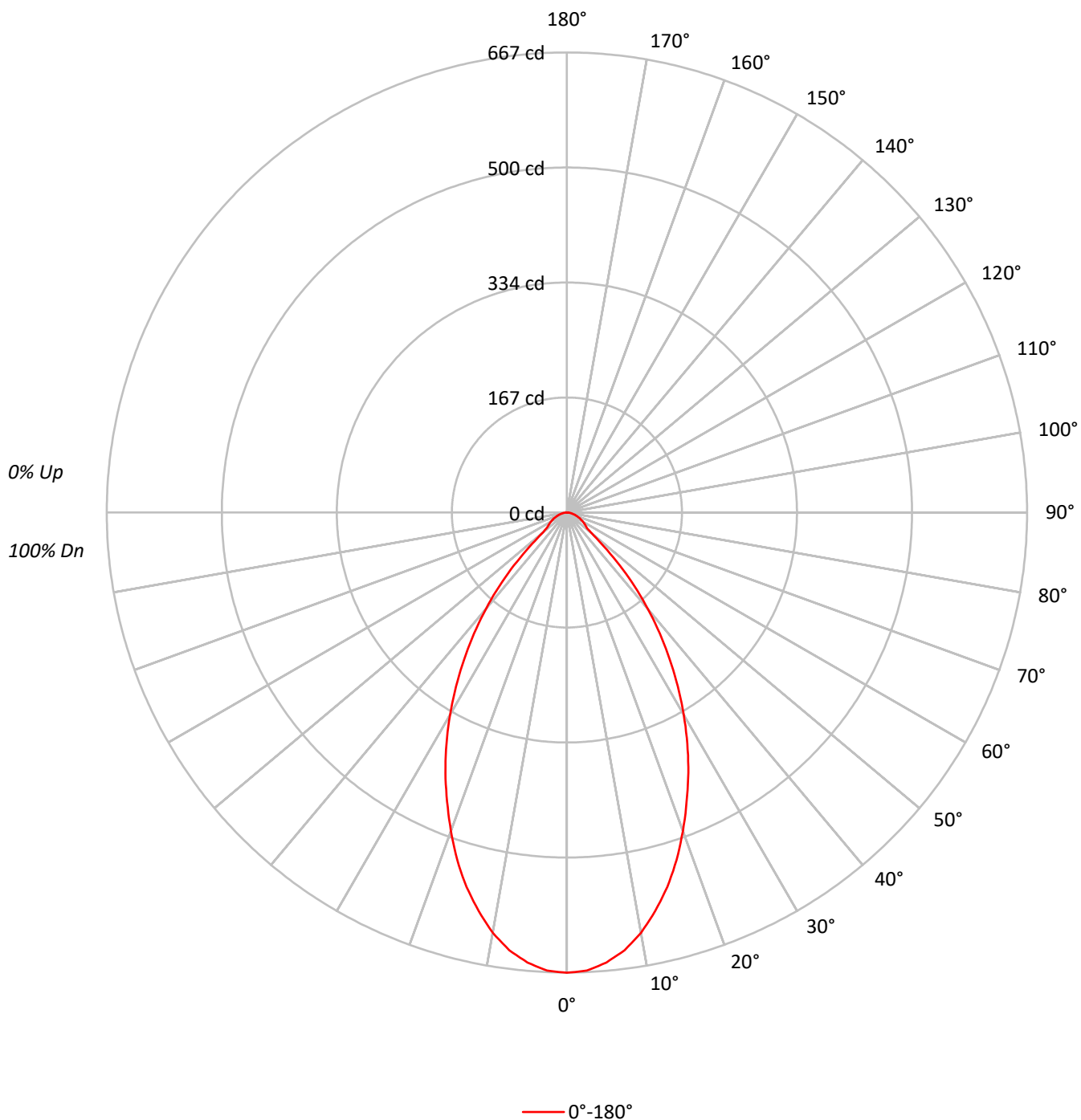
Lumens per Lamp: N/A
Luminaire Lumens: 720.0 lumens
Efficiency: N/A
Efficacy: 37.7 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1285401

CATALOG NUMBER: P3AS13R50B2750DE010 E3DLD1WMH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1285401

CATALOG NUMBER: P3AS13R50B2750DE010 E3DLD1WMH_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	112	109	106	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	146326
5°	144155
10°	137784
15°	127606
20°	114670
25°	100796
30°	85735
35°	69520
40°	52212
45°	33647
50°	15965
55°	12578
60°	11885
65°	11104
70°	10002
75°	9065
80°	8334
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33647 cd/sqm

TEST NUMBER: P1285401

CATALOG NUMBER: P3AS13R50B2750DE010 E3DLD1WMH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.4	8.5
10°-20°	156.7	21.8
20°-30°	190.4	26.4
30°-40°	161.5	22.4
40°-50°	83.9	11.6
50°-60°	30.3	4.2
60°-70°	20.9	2.9
70°-80°	11.4	1.6
80°-90°	3.6	0.5
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°	408.5	56.7
0°-40°	570.0	79.2
0°-60°	684.1	95.0
0°-90°	720.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	720.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	667	
5°	655	61
15°	562	157
25°	417	190
35°	260	161
45°	108	84
55°	33	30
65°	21	21
75°	11	11
85°	3	4
90°	0	

TEST NUMBER: P1285401

CATALOG NUMBER: P3AS13R50B2750DE010 E3DLD1WMH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	667.3
2.5°	664.8
5°	654.9
7.5°	640.1
10°	618.8
12.5°	591.7
15°	562.1
17.5°	528.4
20°	491.4
22.5°	453.6
25°	416.6
27.5°	378.0
30°	338.6
32.5°	299.1
35°	259.7
37.5°	221.1
40°	182.4
42.5°	145.4
45°	108.5
47.5°	72.3
50°	46.8
52.5°	36.2
55°	32.9
57.5°	29.6
60°	27.1
62.5°	23.8
65°	21.4
67.5°	18.1
70°	15.6
72.5°	13.1
75°	10.7
77.5°	8.2
80°	6.6
82.5°	4.9
85°	3.3
87.5°	1.6
90°	0.0

(END OF REPORT)