

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: P1283663

Luminaire Tested: P3AS09R50B2750DE010 E3DLD1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283663
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: P3AS09R50B2750DE010 E3DLD1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

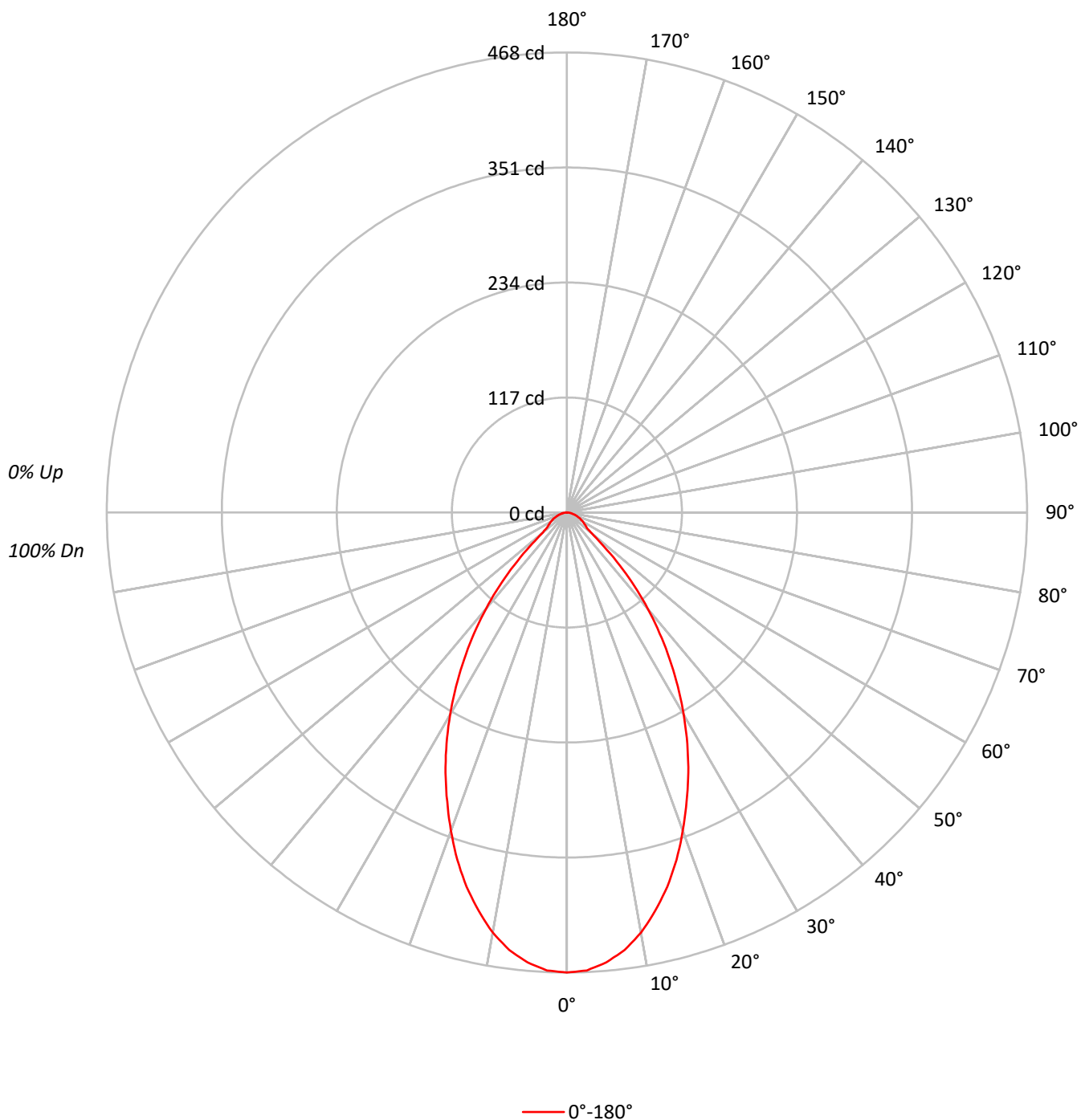
Lumens per Lamp: N/A
Luminaire Lumens: 505.1 lumens
Efficiency: N/A
Efficacy: 38.6 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 13.1
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: P1283663

CATALOG NUMBER: P3AS09R50B2750DE010 E3DLD1MW_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1283663

CATALOG NUMBER: P3AS09R50B2750DE010 E3DLD1MW_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	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°	102623
5°	101122
10°	96636
15°	89490
20°	80437
25°	70698
30°	60136
35°	48747
40°	36640
45°	23599
50°	11224
55°	8831
60°	8333
65°	7783
70°	7052
75°	6354
80°	5809
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23599 cd/sqm

TEST NUMBER: P1283663

CATALOG NUMBER: P3AS09R50B2750DE010 E3DLD1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.1	8.5
10°-20°	109.9	21.8
20°-30°	133.5	26.4
30°-40°	113.3	22.4
40°-50°	58.8	11.6
50°-60°	21.2	4.2
60°-70°	14.7	2.9
70°-80°	8.0	1.6
80°-90°	2.5	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°	286.5	56.7
0°-40°	399.8	79.2
0°-60°	479.8	95.0
0°-90°	505.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	505.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	468	
5°	459	43
15°	394	110
25°	292	134
35°	182	113
45°	76	59
55°	23	21
65°	15	15
75°	8	8
85°	2	3
90°	0	

TEST NUMBER: P1283663

CATALOG NUMBER: P3AS09R50B2750DE010 E3DLD1MW_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	468.0
2.5°	466.3
5°	459.4
7.5°	449.0
10°	434.0
12.5°	415.0
15°	394.2
17.5°	370.6
20°	344.7
22.5°	318.2
25°	292.2
27.5°	265.1
30°	237.5
32.5°	209.8
35°	182.1
37.5°	155.0
40°	128.0
42.5°	102.0
45°	76.1
47.5°	50.7
50°	32.9
52.5°	25.4
55°	23.1
57.5°	20.7
60°	19.0
62.5°	16.7
65°	15.0
67.5°	12.7
70°	11.0
72.5°	9.2
75°	7.5
77.5°	5.8
80°	4.6
82.5°	3.5
85°	2.3
87.5°	1.2
90°	0.0

(END OF REPORT)