

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: P1284238

Luminaire Tested: P3AS09R70B2750DE010 E3DLP1LI_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284238
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R70B2750DE010 E3DLP1LI_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

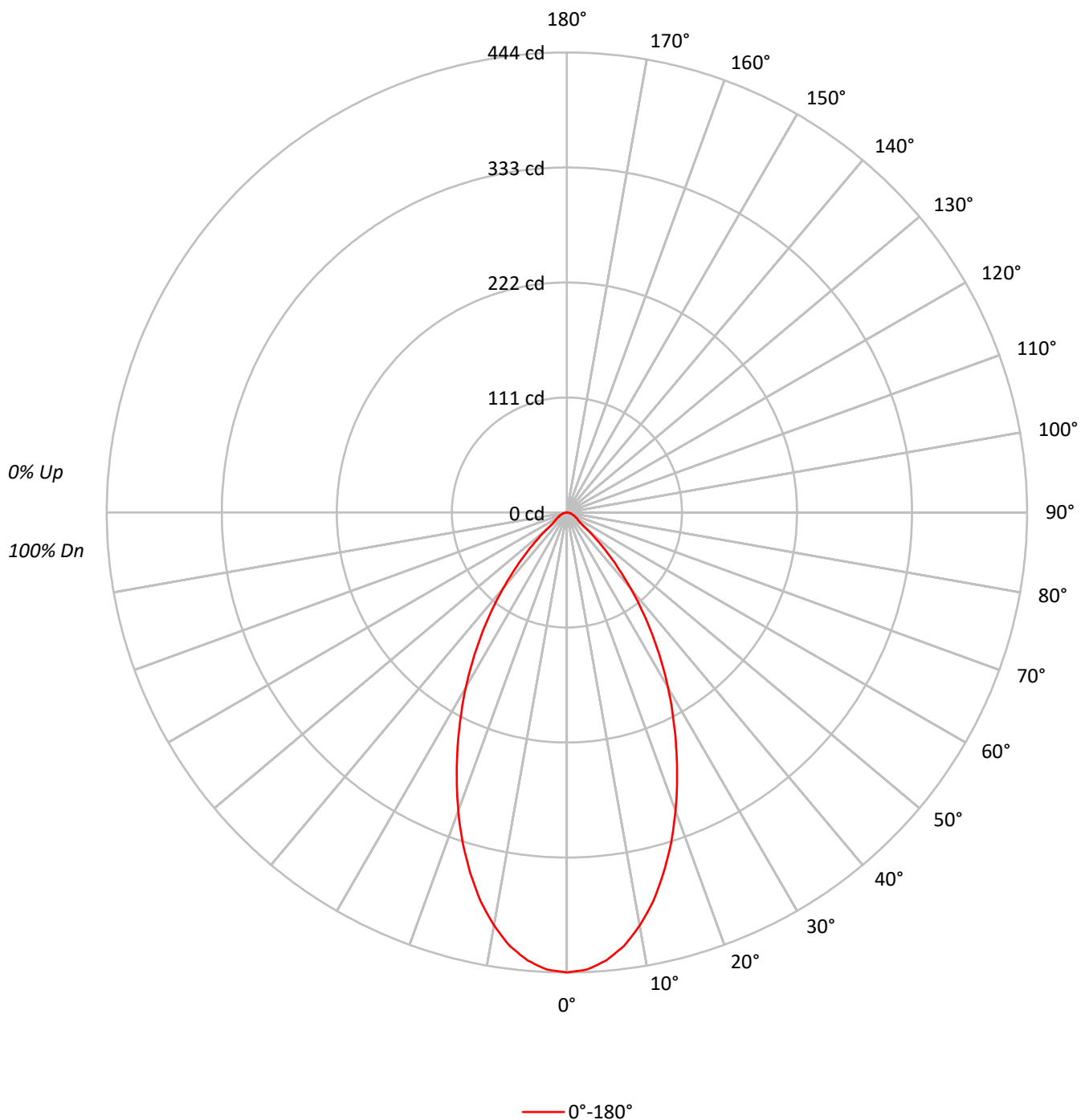
Lumens per Lamp: N/A
Luminaire Lumens: 415.0 lumens
Efficiency: N/A
Efficacy: 31.7 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1284238

CATALOG NUMBER: P3AS09R70B2750DE010 E3DLP1LI_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1284238

CATALOG NUMBER: P3AS09R70B2750DE010 E3DLP1LI_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	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	97339
5°	95553
10°	90112
15°	81771
20°	71523
25°	60342
30°	49400
35°	38334
40°	27423
45°	17366
50°	8665
55°	5314
60°	4561
65°	4203
70°	3719
75°	3389
80°	2904
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17366 cd/sqm

TEST NUMBER: P1284238

CATALOG NUMBER: P3AS09R70B2750DE010 E3DLP1LI_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.5	9.8
10°-20°	100.2	24.1
20°-30°	114.2	27.5
30°-40°	89.3	21.5
40°-50°	43.9	10.6
50°-60°	13.5	3.2
60°-70°	8.0	1.9
70°-80°	4.3	1.0
80°-90°	1.3	0.3
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°	254.9	61.4
0°-40°	344.2	82.9
0°-60°	401.5	96.7
0°-90°	415.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	415.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	444	
5°	434	41
15°	360	100
25°	249	114
35°	143	89
45°	56	44
55°	14	13
65°	8	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1284238

CATALOG NUMBER: P3AS09R70B2750DE010 E3DLP1LI_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	443.9
2.5°	441.6
5°	434.1
7.5°	422.0
10°	404.7
12.5°	384.5
15°	360.2
17.5°	334.2
20°	306.5
22.5°	277.7
25°	249.4
27.5°	221.7
30°	195.1
32.5°	168.6
35°	143.2
37.5°	118.9
40°	95.8
42.5°	74.5
45°	56.0
47.5°	39.3
50°	25.4
52.5°	16.7
55°	13.9
57.5°	12.1
60°	10.4
62.5°	9.2
65°	8.1
67.5°	6.9
70°	5.8
72.5°	4.6
75°	4.0
77.5°	3.5
80°	2.3
82.5°	1.7
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)