

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: P1283796

Luminaire Tested: P3AS09R55B2750DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283796
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R55B2750DE010 E3DLD1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 5000K CCT AND, 80CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

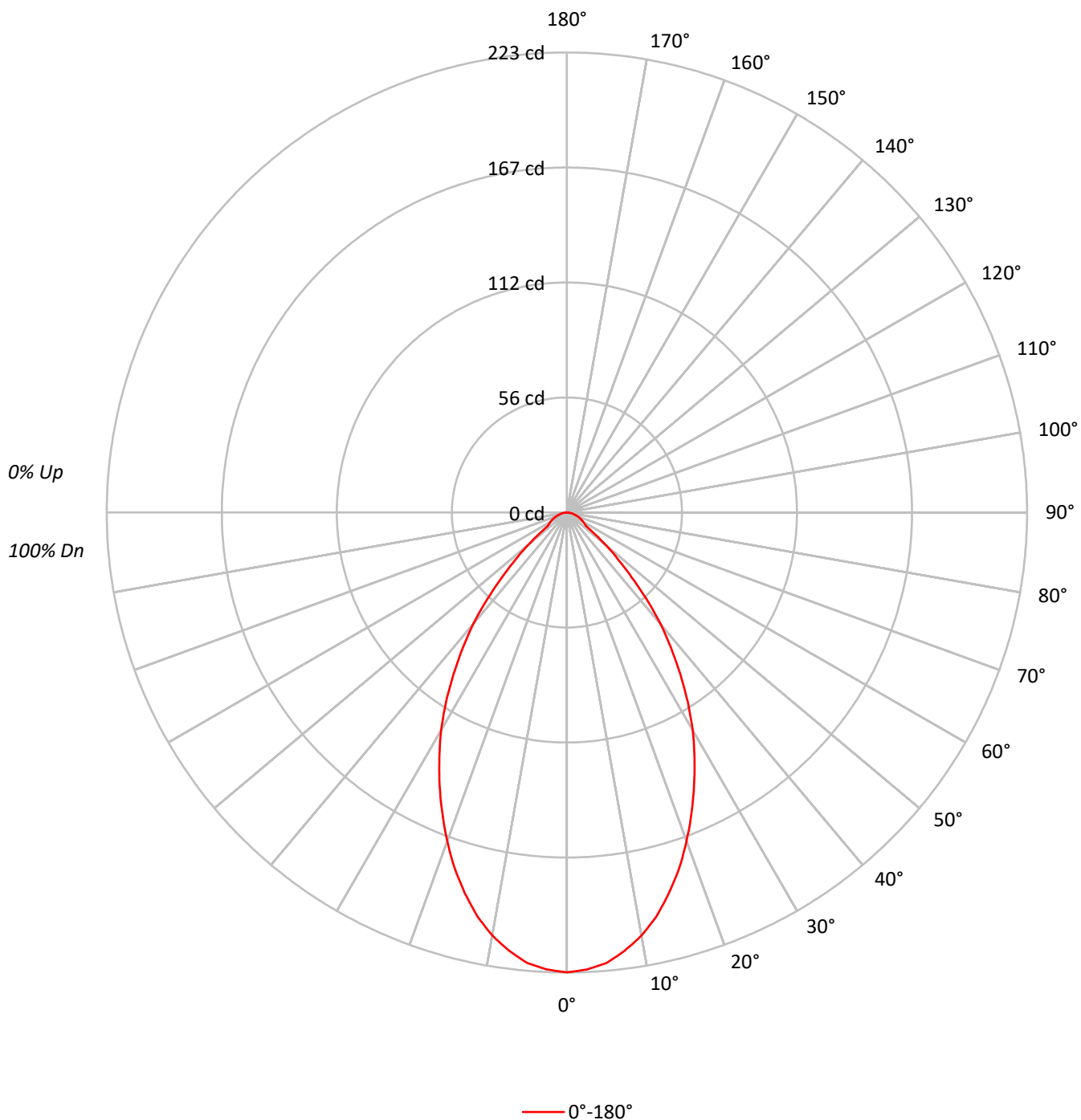
Lumens per Lamp: N/A
Luminaire Lumens: 260.0 lumens
Efficiency: N/A
Efficacy: 19.8 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1283796

CATALOG NUMBER: P3AS09R55B2750DE010 E3DLD1GPH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1283796

CATALOG NUMBER: P3AS09R55B2750DE010 E3DLD1GPH_5000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	112	109	106	103	110	107	104	102	103	100	98		99	97	96		95	94	93	91
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89	86	84	82
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82	79	76	74
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76	73	69	68
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71	67	64	62
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66	62	58	57
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62	57	54	52
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58	53	50	48
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55	50	46	45
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52	47	43	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	48878
5°	48272
10°	46359
15°	43360
20°	39553
25°	35300
30°	30866
35°	25645
40°	20209
45°	13707
50°	8392
55°	4358
60°	4035
65°	3840
70°	3526
75°	3135
80°	3157
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13707 cd/sqm

TEST NUMBER: P1283796

CATALOG NUMBER: P3AS09R55B2750DE010 E3DLD1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.6	7.9
10°-20°	53.4	20.5
20°-30°	66.9	25.7
30°-40°	59.7	22.9
40°-50°	34.9	13.4
50°-60°	12.1	4.6
60°-70°	7.3	2.8
70°-80°	4.1	1.6
80°-90°	1.2	0.4
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°	140.8	54.2
0°-40°	200.5	77.1
0°-60°	247.5	95.2
0°-90°	260.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	260.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	223	
5°	219	21
15°	191	53
25°	146	67
35°	96	60
45°	44	35
55°	11	12
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1283796

CATALOG NUMBER: P3AS09R55B2750DE010 E3DLD1GPH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	222.9
2.5°	221.7
5°	219.3
7.5°	214.3
10°	208.2
12.5°	200.5
15°	191.0
17.5°	180.9
20°	169.5
22.5°	157.8
25°	145.9
27.5°	133.9
30°	121.9
32.5°	109.0
35°	95.8
37.5°	82.9
40°	70.6
42.5°	57.4
45°	44.2
47.5°	33.8
50°	24.6
52.5°	16.0
55°	11.4
57.5°	10.1
60°	9.2
62.5°	8.3
65°	7.4
67.5°	6.4
70°	5.5
72.5°	4.6
75°	3.7
77.5°	3.1
80°	2.5
82.5°	1.5
85°	0.9
87.5°	0.6
90°	0.0

(END OF REPORT)