

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: P1282738

Luminaire Tested: P3AS09R20B2750DE010 E3D1LI_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282738
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R20B2750DE010 E3D1LI_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

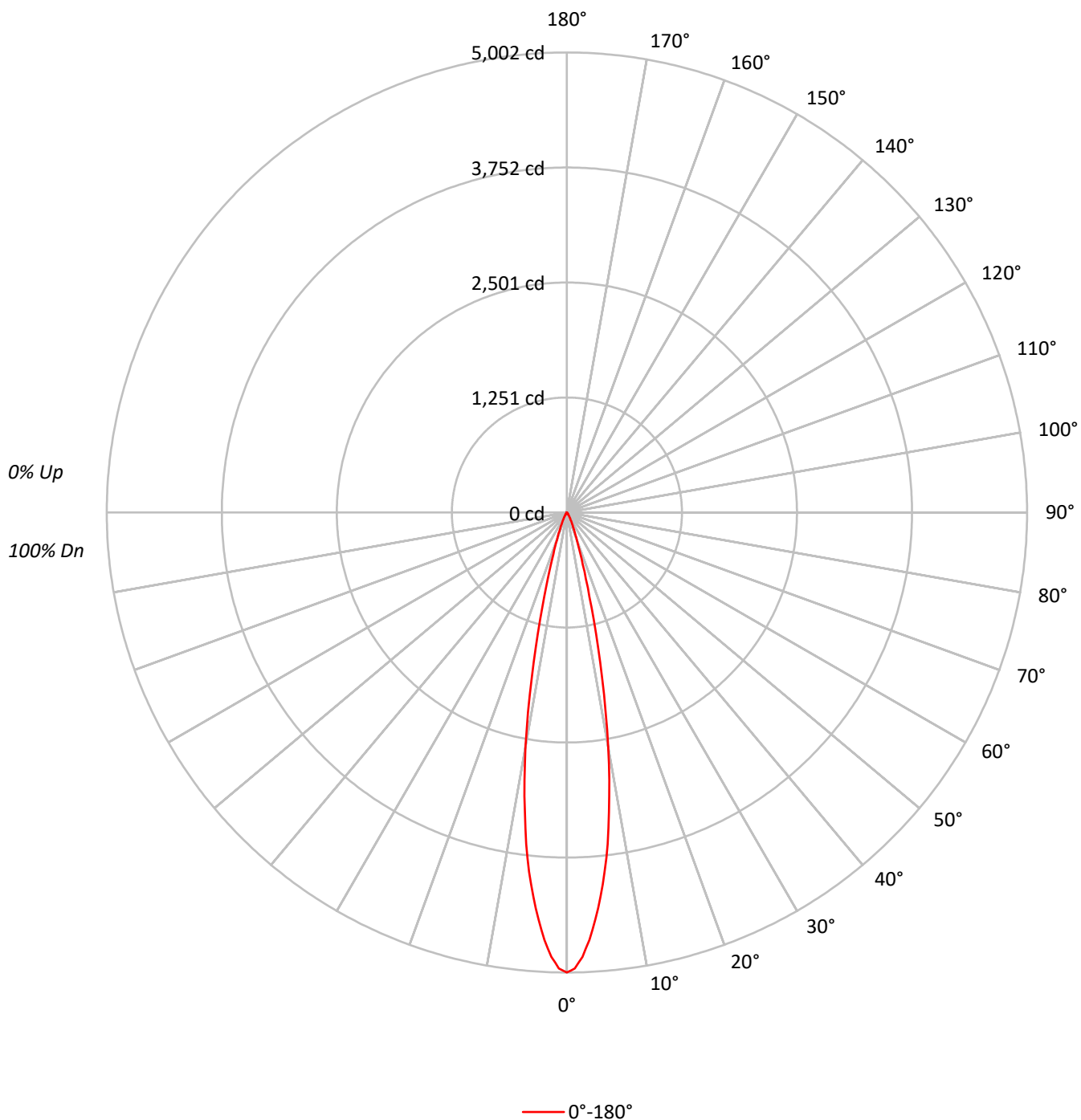
Lumens per Lamp: N/A
Luminaire Lumens: 723.0 lumens
Efficiency: N/A
Efficacy: 55.2 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1282738

CATALOG NUMBER: P3AS09R20B2750DE010 E3D1LI_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1282738

CATALOG NUMBER: P3AS09R20B2750DE010 E3D1LI_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	115	114	112	110	113	111	110	108	107	106	105		104	103	102		100
2	112	109	106	104	110	107	105	103	104	102	101		101	100	98		99
3	109	105	102	99	107	104	101	98	101	99	97		99	97	95		97
4	106	101	98	95	105	100	97	95	99	96	94		97	95	93		95
5	104	98	95	92	102	98	94	92	96	93	91		95	92	90		93
6	101	96	92	89	100	95	92	89	94	91	89		93	90	88		92
7	99	93	90	87	98	93	89	87	92	89	86		91	88	86		90
8	97	91	87	85	96	91	87	85	90	87	85		89	86	84		88
9	95	89	85	83	94	89	85	83	88	85	83		87	84	83		87
10	93	87	84	81	92	87	83	81	86	83	81		86	83	81		85

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1096732
5°	923396
10°	576743
15°	215620
20°	74020
25°	30849
30°	14534
35°	6505
40°	3063
45°	1582
50°	580
55°	115
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1582 cd/sqm

TEST NUMBER: P1282738

CATALOG NUMBER: P3AS09R20B2750DE010 E3D1LI_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	348.9	48.3
10°-20°	287.4	39.7
20°-30°	65.3	9.0
30°-40°	16.6	2.3
40°-50°	4.2	0.6
50°-60°	0.5	0.1
60°-70°	0.2	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	701.5	97.0
0°-40°	718.1	99.3
0°-60°	722.8	100.0
0°-90°	723.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	723.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5002	
5°	4195	349
15°	950	287
25°	128	65
35°	24	17
45°	5	4
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1282738

CATALOG NUMBER: P3AS09R20B2750DE010 E3D1LI_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	5001.5
1°	4959.1
2°	4834.2
3°	4654.9
4°	4435.0
5°	4195.0
6°	3927.6
7°	3632.5
8°	3288.2
9°	2947.0
10°	2590.2
11°	2210.6
12°	1831.5
13°	1510.4
14°	1203.4
15°	949.8
16°	749.7
17°	591.4
18°	475.2
19°	386.4
20°	317.2
21°	265.2
22°	221.3
23°	184.0
24°	153.5
25°	127.5
27.5°	83.4
30°	57.4
32.5°	35.3
35°	24.3
37.5°	15.5
40°	10.7
42.5°	7.3
45°	5.1
47.5°	3.4
50°	1.7
52.5°	0.8
55°	0.3
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.0
70°	0.0
72.5°	0.0

TEST NUMBER: P1282738

CATALOG NUMBER: P3AS09R20B2750DE010 E3D1LI_3000K

CANDELA DISTRIBUTION (continued):

	0°
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)