

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: P1282790

Luminaire Tested: P3AS09R20B2750DE010 E3DLD1H_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282790
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R20B2750DE010 E3DLD1H_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R20 optic, 4000K CCT AND, 80CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

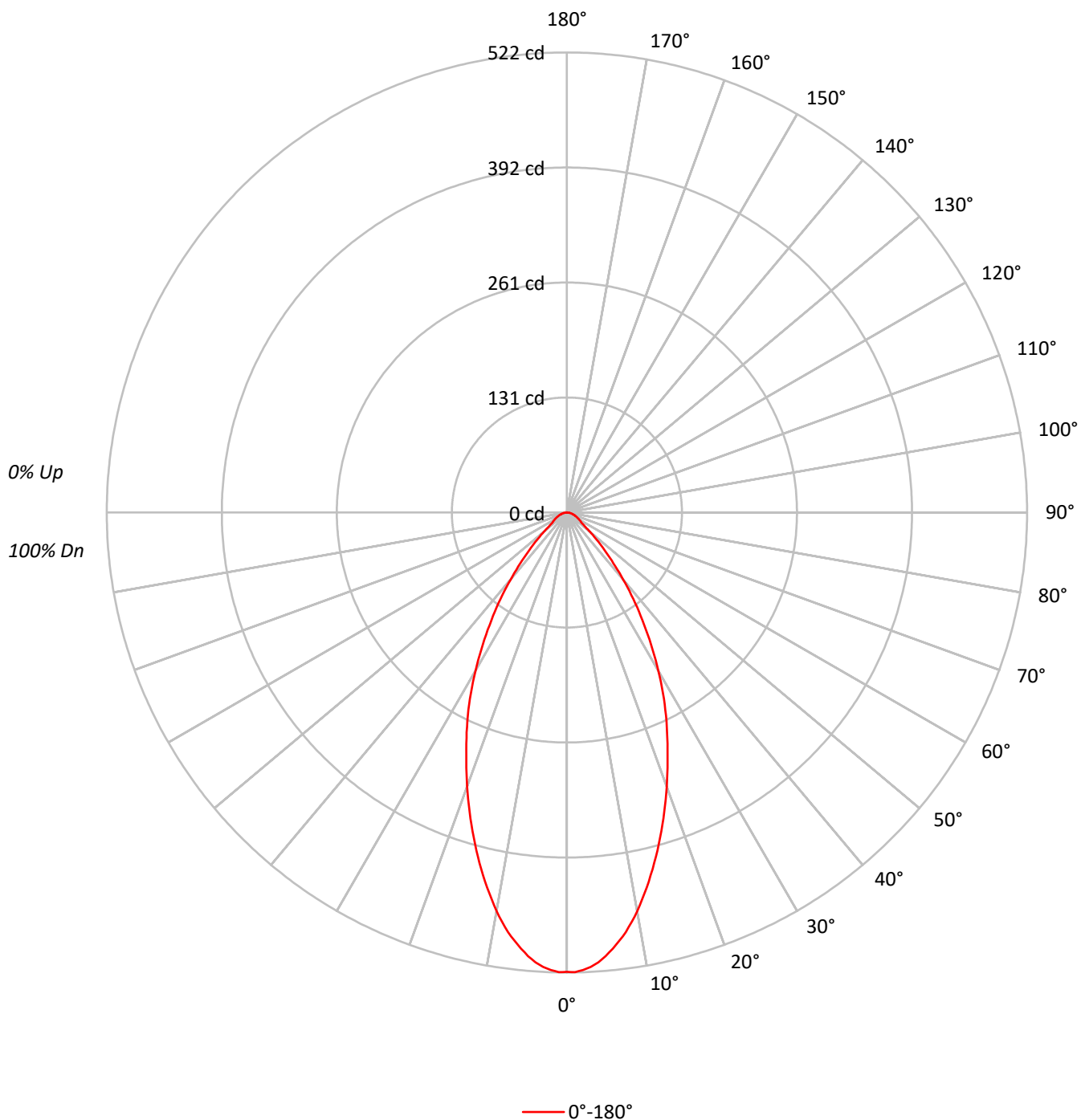
Lumens per Lamp: N/A
Luminaire Lumens: 462.0 lumens
Efficiency: N/A
Efficacy: 35.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1282790

CATALOG NUMBER: P3AS09R20B2750DE010 E3DLD1H_4000K

Luminous Intensity Polar Plot



TEST NUMBER: P1282790

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96	95	93		91
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90	87	85		83
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84	81	78		76
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78	75	72		70
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73	69	66		65
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69	65	61		60
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65	60	57		55
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61	57	53		52
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58	53	50		48
10	68	58	51	47	67	57	51	47	56	51	47		56	50	47		55	50	47		45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	114267
5°	111226
10°	102314
15°	90057
20°	77240
25°	64891
30°	52464
35°	39913
40°	28396
45°	18731
50°	11599
55°	7646
60°	6929
65°	6382
70°	6027
75°	5507
80°	5177
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18731 cd/sqm

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CATALOG NUMBER: P3AS09R20B2750DE010 E3DLD1H_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.7	10.1
10°-20°	110.4	23.9
20°-30°	122.6	26.5
30°-40°	93.5	20.2
40°-50°	47.9	10.4
50°-60°	19.7	4.3
60°-70°	12.3	2.7
70°-80°	6.9	1.5
80°-90°	2.0	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°	279.8	60.6
0°-40°	373.3	80.8
0°-60°	440.9	95.4
0°-90°	462.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	462.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	521	
5°	505	47
15°	397	110
25°	268	123
35°	149	94
45°	60	48
55°	20	20
65°	12	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	521.1
1°	521.7
2°	519.4
3°	516.4
4°	511.8
5°	505.3
6°	497.7
7°	489.4
8°	480.6
9°	470.1
10°	459.5
12.5°	429.0
15°	396.7
17.5°	363.9
20°	331.0
22.5°	298.1
25°	268.2
27.5°	238.3
30°	207.2
32.5°	177.8
35°	149.1
37.5°	123.8
40°	99.2
42.5°	78.1
45°	60.4
47.5°	45.8
50°	34.0
52.5°	25.2
55°	20.0
57.5°	18.2
60°	15.8
62.5°	14.1
65°	12.3
67.5°	10.6
70°	9.4
72.5°	7.6
75°	6.5
77.5°	5.3
80°	4.1
82.5°	2.9
85°	1.8
87.5°	0.6
90°	0.0

(END OF REPORT)