

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: P1284482

Luminaire Tested: P3AS13R20B2750DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284482
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R20B2750DE010 E3DL1GPH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R20 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

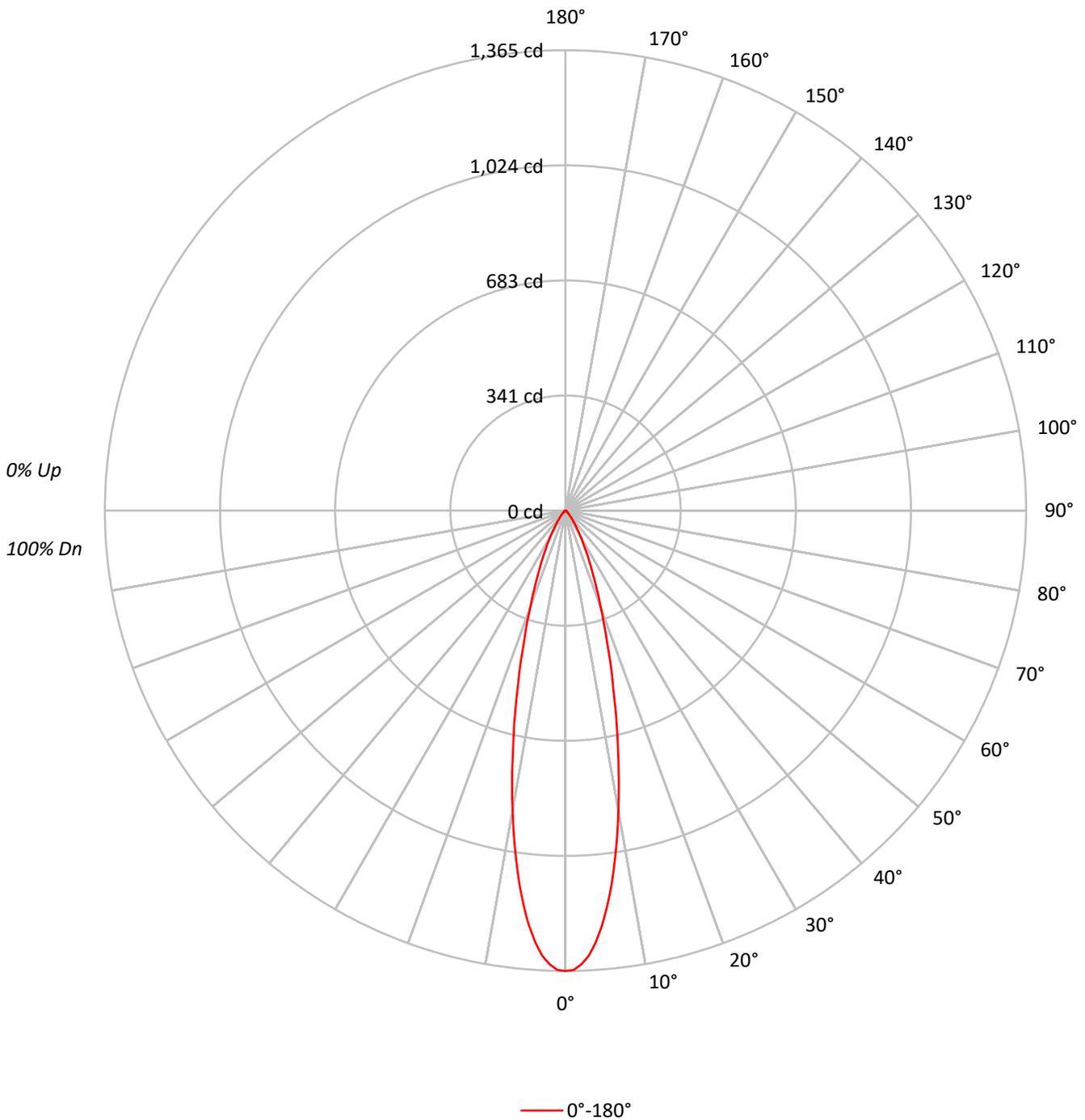
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 389.0 lumens
Efficiency: N/A
Efficacy: 20.4 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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

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Luminous Intensity Polar Plot





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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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	98	97	95
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	92	94	92	91
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	92	90	88	87
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	89	86	84	83
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	86	83	81	79
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	83	80	77	76
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	80	77	75	73
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	77	74	72	77	74	72	71
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	75	72	69	68
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	73	69	67	66

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	299296
5°	272066
10°	201065
15°	124382
20°	71033
25°	40551
30°	22738
35°	12367
40°	6784
45°	3721
50°	2183
55°	1567
60°	1491
65°	1349
70°	1218
75°	1271
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3721 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.0	27.5
10°-20°	152.8	39.3
20°-30°	79.7	20.5
30°-40°	30.8	7.9
40°-50°	10.0	2.6
50°-60°	3.9	1.0
60°-70°	2.6	0.7
70°-80°	1.5	0.4
80°-90°	0.5	0.1
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°	339.6	87.3
0°-40°	370.4	95.2
0°-60°	384.3	98.8
0°-90°	389.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	389.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1365	
5°	1236	107
15°	548	153
25°	168	80
35°	46	31
45°	12	10
55°	4	4
65°	3	3
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1364.9
1°	1362.2
2°	1346.1
3°	1321.3
4°	1283.0
5°	1236.0
6°	1180.4
7°	1118.7
8°	1047.3
9°	977.8
10°	903.0
12.5°	717.8
15°	547.9
17.5°	410.0
20°	304.4
22.5°	225.5
25°	167.6
27.5°	123.6
30°	89.8
32.5°	65.0
35°	46.2
37.5°	33.4
40°	23.7
42.5°	16.9
45°	12.0
47.5°	8.6
50°	6.4
52.5°	4.9
55°	4.1
57.5°	3.8
60°	3.4
62.5°	3.0
65°	2.6
67.5°	2.3
70°	1.9
72.5°	1.9
75°	1.5
77.5°	1.1
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)