

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: P1284453

Luminaire Tested: P3AS13R20B2750DE010 E3CD1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284453
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R20B2750DE010 E3CD1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

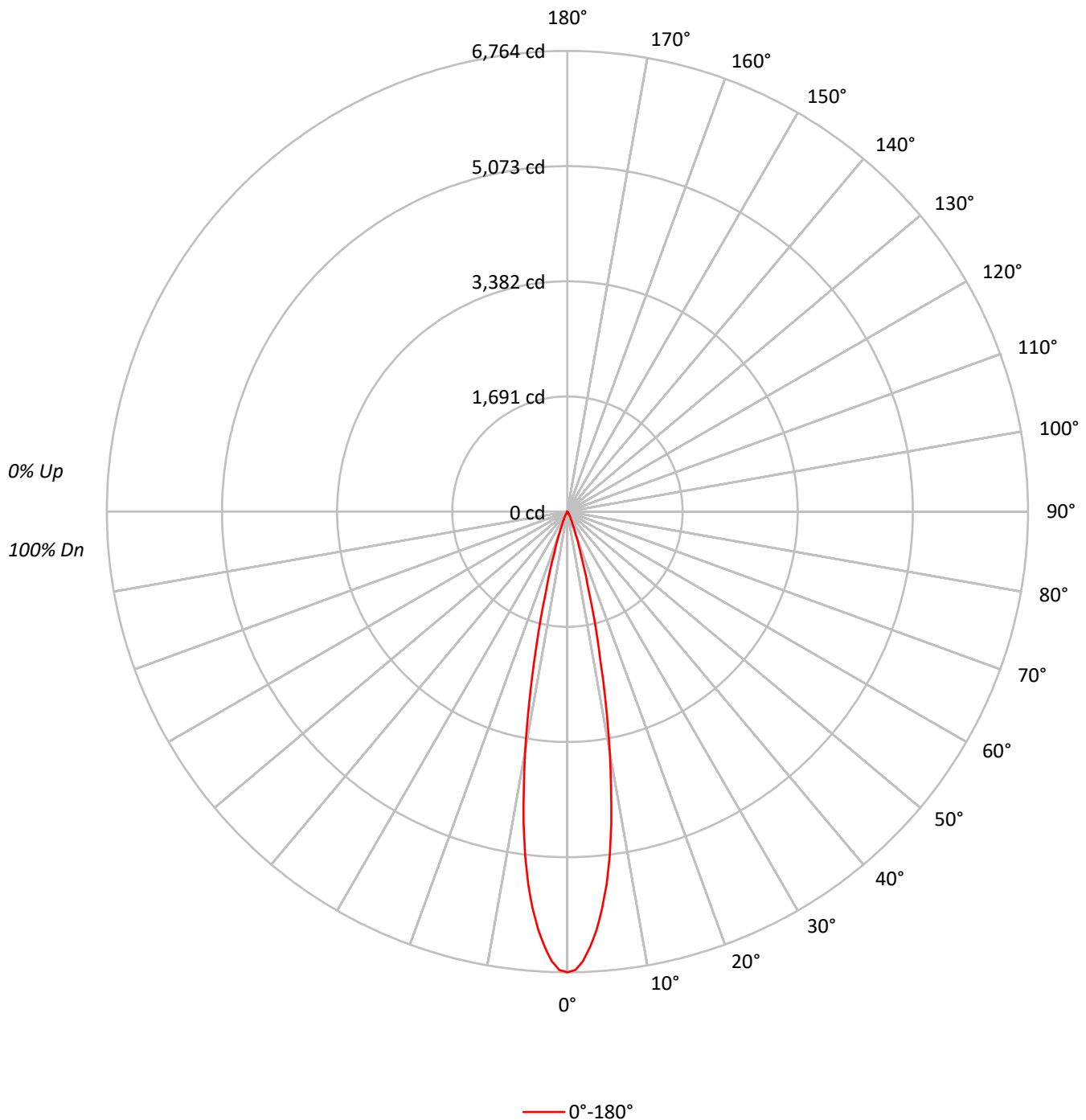
Lumens per Lamp: N/A
Luminaire Lumens: 955.0 lumens
Efficiency: N/A
Efficacy: 50.0 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	0			
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	116	114	112	110	113	112	110	109	108	106	105	104	103	102	101	100	99	98			
2	112	109	106	104	110	108	105	103	104	103	101	102	100	99	99	98	97	95			
3	109	105	102	100	108	104	101	99	102	99	97	99	98	96	97	96	95	93			
4	107	102	99	96	105	101	98	96	99	97	94	97	95	93	96	94	92	91			
5	104	99	96	93	103	98	95	93	97	94	92	95	93	91	94	92	91	90			
6	102	97	93	91	101	96	93	90	95	92	90	94	91	89	93	90	89	88			
7	100	94	91	88	99	94	91	88	93	90	88	92	89	87	91	89	87	86			
8	98	92	89	86	97	92	89	86	91	88	86	90	88	86	89	87	85	85			
9	96	90	87	85	95	90	87	85	89	86	84	89	86	84	88	86	84	83			
10	94	89	85	83	93	88	85	83	88	85	83	87	84	83	86	84	82	82			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1483214
5°	1287384
10°	795465
15°	276279
20°	84847
25°	30002
30°	11090
35°	4444
40°	2376
45°	930
50°	512
55°	573
60°	658
65°	415
70°	513
75°	678
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 930 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	485.4	50.8
10°-20°	385.1	40.3
20°-30°	66.7	7.0
30°-40°	12.1	1.3
40°-50°	2.8	0.3
50°-60°	1.3	0.1
60°-70°	0.9	0.1
70°-80°	0.7	0.1
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°	937.2	98.1
0°-40°	949.3	99.4
0°-60°	953.4	99.8
0°-90°	955.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	955.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6764	
5°	5849	485
15°	1217	385
25°	124	67
35°	17	12
45°	3	3
55°	2	1
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	6764.0
1°	6731.5
2°	6603.0
3°	6396.7
4°	6154.8
5°	5848.6
6°	5497.9
7°	5089.7
8°	4624.8
9°	4102.4
10°	3572.5
12.5°	2253.4
15°	1217.0
17.5°	650.1
20°	363.6
22.5°	207.9
25°	124.0
27.5°	75.6
30°	43.8
32.5°	25.7
35°	16.6
37.5°	11.3
40°	8.3
42.5°	5.3
45°	3.0
47.5°	1.5
50°	1.5
52.5°	1.5
55°	1.5
57.5°	1.5
60°	1.5
62.5°	0.8
65°	0.8
67.5°	0.8
70°	0.8
72.5°	0.8
75°	0.8
77.5°	0.8
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)