

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: P1284743

Luminaire Tested: P3AS13R30B2750DE010 E3CD1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284743
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R30B2750DE010 E3CD1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

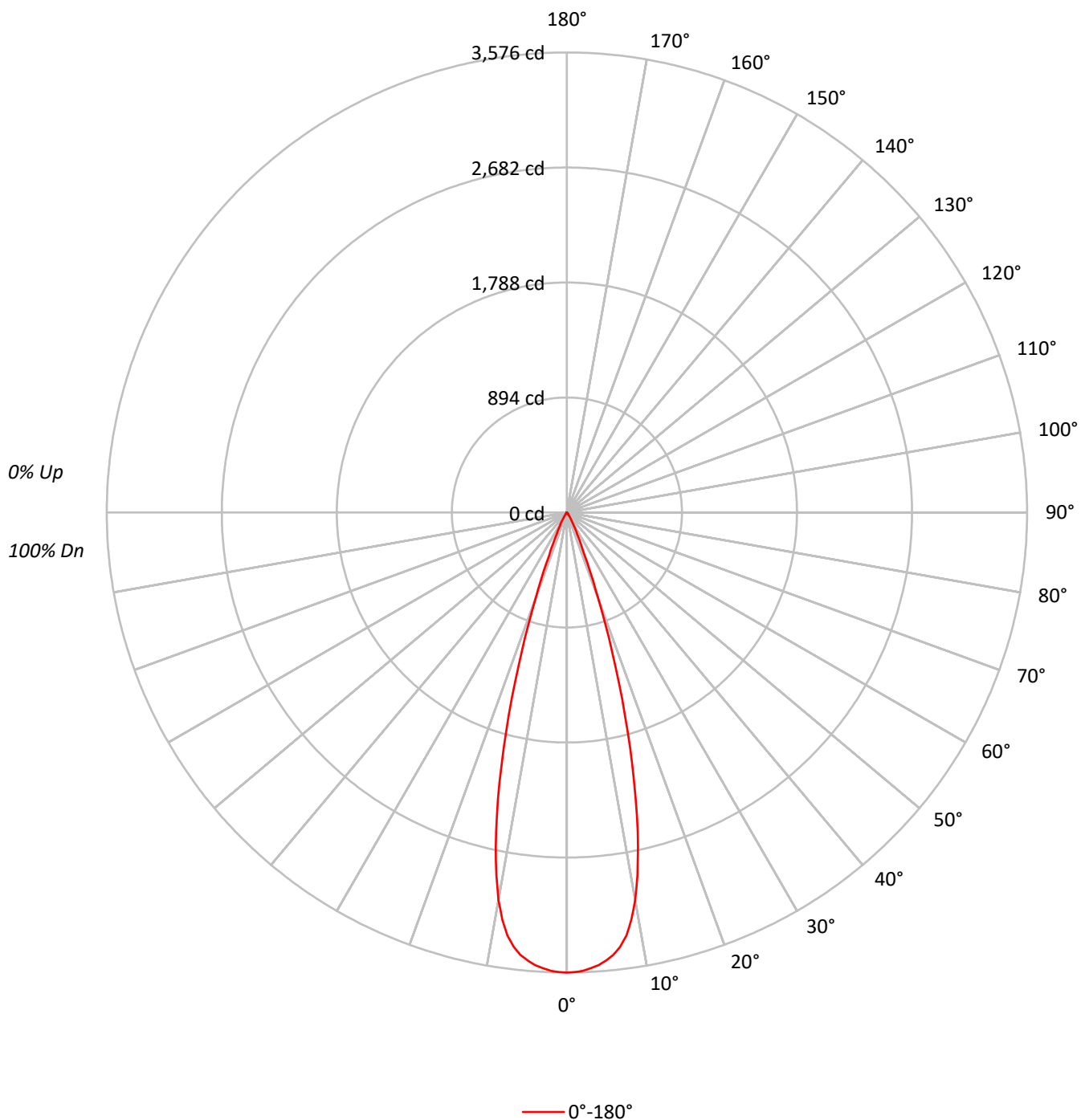
Lumens per Lamp: N/A
Luminaire Lumens: 963.0 lumens
Efficiency: N/A
Efficacy: 50.4 lumens/watt
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			
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	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97		
2	111	108	105	102	109	106	104	101	103	101	99	100	99	97	98	96	95	94		
3	108	103	100	97	106	102	99	96	100	97	95	97	95	93	95	94	92	91		
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	88		
5	102	96	92	89	100	95	91	89	94	90	88	92	89	87	91	88	87	85		
6	99	93	89	86	98	92	88	86	91	88	85	90	87	85	89	86	84	83		
7	96	90	86	83	95	89	86	83	88	85	82	87	84	82	86	84	82	81		
8	94	87	83	81	93	87	83	80	86	83	80	85	82	80	84	82	80	79		
9	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	79	77	77		
10	89	83	79	76	88	82	78	76	82	78	76	81	78	76	80	77	75	75		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	784213
5°	769379
10°	681105
15°	431512
20°	163791
25°	48487
30°	19142
35°	5862
40°	2605
45°	930
50°	785
55°	573
60°	658
65°	778
70°	513
75°	678
80°	1010
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 1010 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	321.3	33.4
10°-20°	500.7	52.0
20°-30°	116.3	12.1
30°-40°	18.0	1.9
40°-50°	3.1	0.3
50°-60°	1.4	0.1
60°-70°	1.2	0.1
70°-80°	0.8	0.1
80°-90°	0.1	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°	938.3	97.4
0°-40°	956.3	99.3
0°-60°	960.9	99.8
0°-90°	963.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	963.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3576	
5°	3495	321
15°	1901	501
25°	200	116
35°	22	18
45°	3	3
55°	2	1
65°	2	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3576.3
1°	3574.0
2°	3564.2
3°	3547.5
4°	3526.3
5°	3495.3
6°	3456.8
7°	3399.3
8°	3320.6
9°	3204.9
10°	3058.9
11°	2870.5
12°	2658.0
13°	2422.0
14°	2162.6
15°	1900.8
17.5°	1243.5
20°	701.9
22.5°	358.5
25°	200.4
27.5°	123.3
30°	75.6
32.5°	40.8
35°	21.9
37.5°	14.4
40°	9.1
42.5°	5.3
45°	3.0
47.5°	2.3
50°	2.3
52.5°	1.5
55°	1.5
57.5°	1.5
60°	1.5
62.5°	1.5
65°	1.5
67.5°	0.8
70°	0.8
72.5°	0.8
75°	0.8
77.5°	0.8
80°	0.8
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)