

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: P1284356

Luminaire Tested: P3AS13R15B2750DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284356
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R15B2750DE010 E3DLD1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 80CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

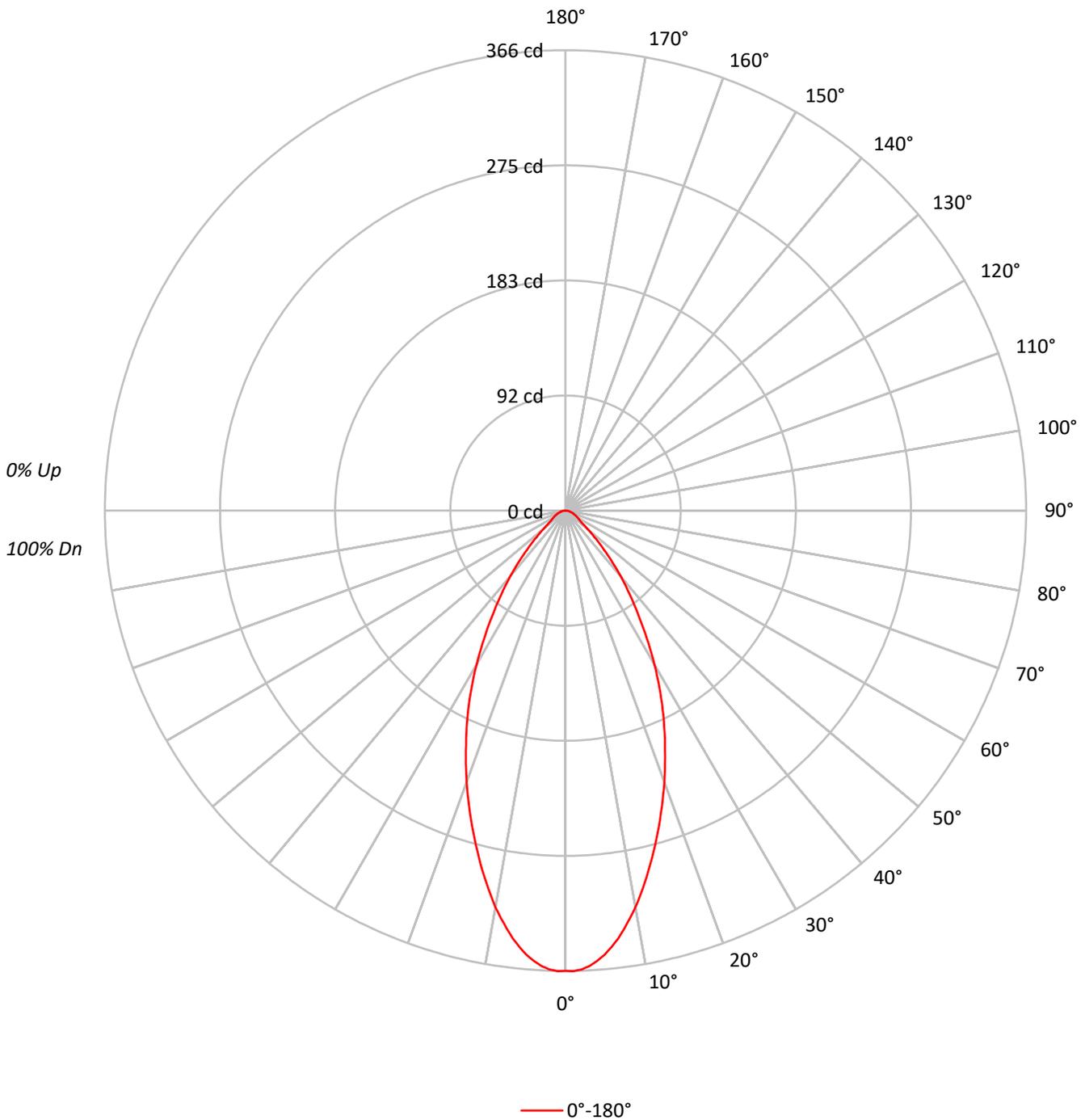
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 318.0 lumens
Efficiency: N/A
Efficacy: 16.6 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	92		
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83		
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76		
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	69	66	65		
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60		
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56		
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52		
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49		
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	80213
5°	78032
10°	71319
15°	62475
20°	53578
25°	44736
30°	35803
35°	26850
40°	19494
45°	12746
50°	7983
55°	5390
60°	4780
65°	4410
70°	4103
75°	3728
80°	3536
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 12746 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.7	10.3
10°-20°	76.7	24.1
20°-30°	84.5	26.6
30°-40°	63.3	19.9
40°-50°	32.8	10.3
50°-60°	13.6	4.3
60°-70°	8.4	2.7
70°-80°	4.7	1.5
80°-90°	1.4	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°	193.9	61.0
0°-40°	257.1	80.9
0°-60°	303.5	95.4
0°-90°	318.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	318.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	366	
5°	354	33
15°	275	77
25°	185	84
35°	100	63
45°	41	33
55°	14	14
65°	8	8
75°	4	5
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	365.8
1°	366.2
2°	365.0
3°	362.6
4°	358.9
5°	354.5
6°	348.9
7°	342.8
8°	335.6
9°	327.9
10°	320.3
12.5°	298.1
15°	275.2
17.5°	252.2
20°	229.6
22.5°	206.7
25°	184.9
27.5°	163.2
30°	141.4
32.5°	120.1
35°	100.3
37.5°	83.4
40°	68.1
42.5°	54.0
45°	41.1
47.5°	31.0
50°	23.4
52.5°	17.3
55°	14.1
57.5°	12.5
60°	10.9
62.5°	9.7
65°	8.5
67.5°	7.3
70°	6.4
72.5°	5.2
75°	4.4
77.5°	3.6
80°	2.8
82.5°	2.0
85°	1.2
87.5°	0.4
90°	0.0

(END OF REPORT)