

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: P1284647

Luminaire Tested: P3AS13R25B2750DE010 E3DLD1H_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284647
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R25B2750DE010 E3DLD1H_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

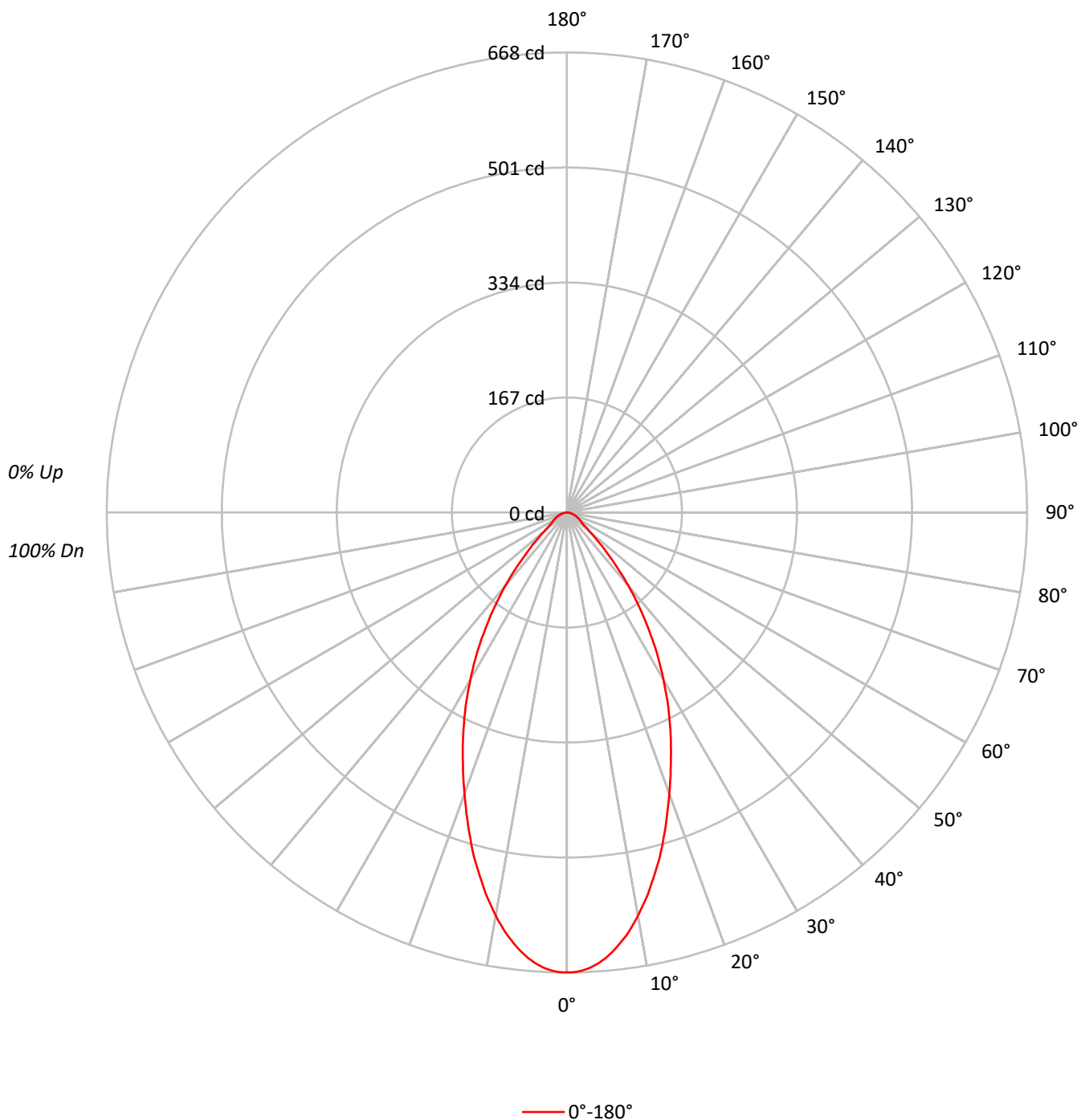
Lumens per Lamp: N/A
Luminaire Lumens: 616.0 lumens
Efficiency: N/A
Efficacy: 32.3 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104		110	107	105	102		103	101	99		99	98	96		96	94	93		91			
2	106	100	96	92		104	99	94	91		95	92	89		92	89	87		89	87	85		83			
3	100	92	87	82		98	91	86	82		88	84	80		86	82	79		83	80	78		76			
4	94	85	79	74		92	84	78	74		82	77	73		80	76	72		78	74	71		70			
5	89	79	73	68		87	78	72	68		76	71	67		75	70	66		73	69	66		64			
6	84	74	67	62		82	73	67	62		71	66	62		70	65	61		69	64	61		59			
7	79	69	62	58		78	68	62	58		67	61	57		66	61	57		65	60	57		55			
8	75	65	58	54		74	64	58	53		63	57	53		62	57	53		61	56	53		51			
9	71	61	54	50		70	60	54	50		59	54	50		58	53	50		57	53	49		48			
10	68	57	51	47		67	57	51	47		56	50	47		55	50	46		54	50	46		45			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	146392
5°	142901
10°	132418
15°	117935
20°	101369
25°	86158
30°	70922
35°	55252
40°	39760
45°	25212
50°	14908
55°	10284
60°	9429
65°	8769
70°	7886
75°	7117
80°	6819
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25212 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.2	9.8
10°-20°	144.2	23.4
20°-30°	163.0	26.5
30°-40°	128.9	20.9
40°-50°	65.1	10.6
50°-60°	26.1	4.2
60°-70°	16.7	2.7
70°-80°	9.2	1.5
80°-90°	2.6	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°	367.4	59.6
0°-40°	496.3	80.6
0°-60°	587.5	95.4
0°-90°	616.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	616.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	668	
5°	649	60
15°	520	144
25°	356	163
35°	206	129
45°	81	65
55°	27	26
65°	17	17
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	667.6
1°	667.6
2°	665.3
3°	661.5
4°	656.1
5°	649.2
6°	640.8
7°	630.8
8°	620.1
9°	607.8
10°	594.7
11°	580.2
12°	566.3
13°	550.2
14°	534.9
15°	519.5
17.5°	476.6
20°	434.4
22.5°	394.4
25°	356.1
27.5°	318.5
30°	280.1
32.5°	244.0
35°	206.4
37.5°	171.9
40°	138.9
42.5°	108.2
45°	81.3
47.5°	60.6
50°	43.7
52.5°	33.0
55°	26.9
57.5°	24.6
60°	21.5
62.5°	19.2
65°	16.9
67.5°	14.6
70°	12.3
72.5°	10.7
75°	8.4
77.5°	6.9
80°	5.4
82.5°	3.8
85°	2.3
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)