

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: P1284671

Luminaire Tested: P3AS13R25B2750DE010 E3DLD1WMH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284671
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 E3DLD1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 80CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

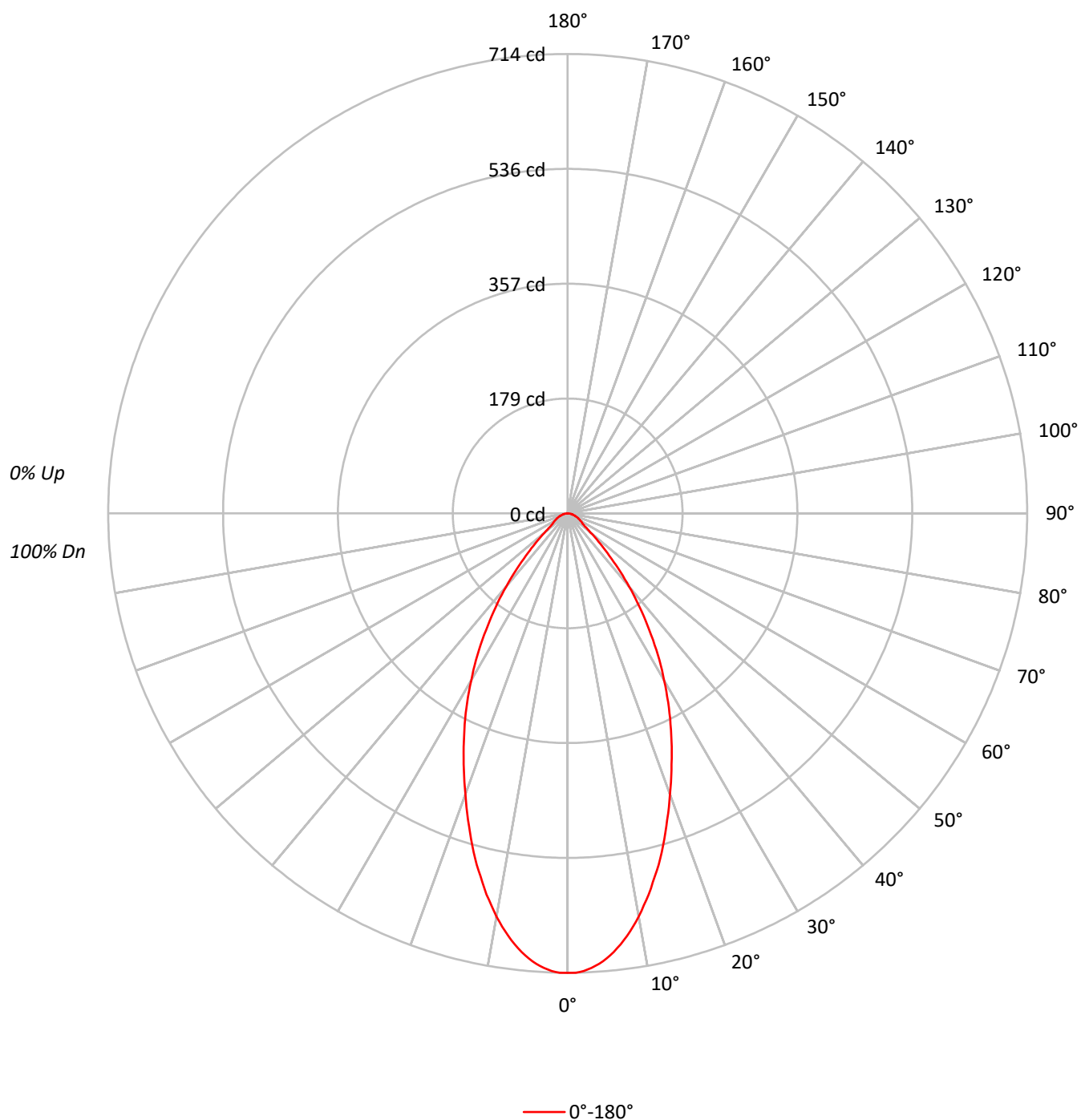
Lumens per Lamp: N/A
Luminaire Lumens: 659.0 lumens
Efficiency: N/A
Efficacy: 34.5 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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°	156610
5°	152872
10°	141681
15°	126176
20°	108439
25°	92159
30°	75885
35°	59106
40°	42537
45°	26980
50°	15965
55°	10972
60°	10087
65°	9391
70°	8399
75°	7625
80°	7198
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26980 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.4	9.8
10°-20°	154.3	23.4
20°-30°	174.3	26.5
30°-40°	137.9	20.9
40°-50°	69.7	10.6
50°-60°	27.9	4.2
60°-70°	17.9	2.7
70°-80°	9.8	1.5
80°-90°	2.8	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°	393.0	59.6
0°-40°	530.9	80.6
0°-60°	628.5	95.4
0°-90°	659.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	659.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	714	
5°	694	64
15°	556	154
25°	381	174
35°	221	138
45°	87	70
55°	29	28
65°	18	18
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	714.2
1°	714.2
2°	711.8
3°	707.7
4°	701.9
5°	694.5
6°	685.5
7°	674.8
8°	663.3
9°	650.2
10°	636.3
11°	620.7
12°	605.9
13°	588.6
14°	572.2
15°	555.8
17.5°	509.8
20°	464.7
22.5°	422.0
25°	380.9
27.5°	340.7
30°	299.7
32.5°	261.1
35°	220.8
37.5°	183.9
40°	148.6
42.5°	115.8
45°	87.0
47.5°	64.9
50°	46.8
52.5°	35.3
55°	28.7
57.5°	26.3
60°	23.0
62.5°	20.5
65°	18.1
67.5°	15.6
70°	13.1
72.5°	11.5
75°	9.0
77.5°	7.4
80°	5.7
82.5°	4.1
85°	2.5
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)