

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: P1284381

Luminaire Tested: P3AS13R15B2750DE010 E3DLD1WMH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284381
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 E3DLD1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 80CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

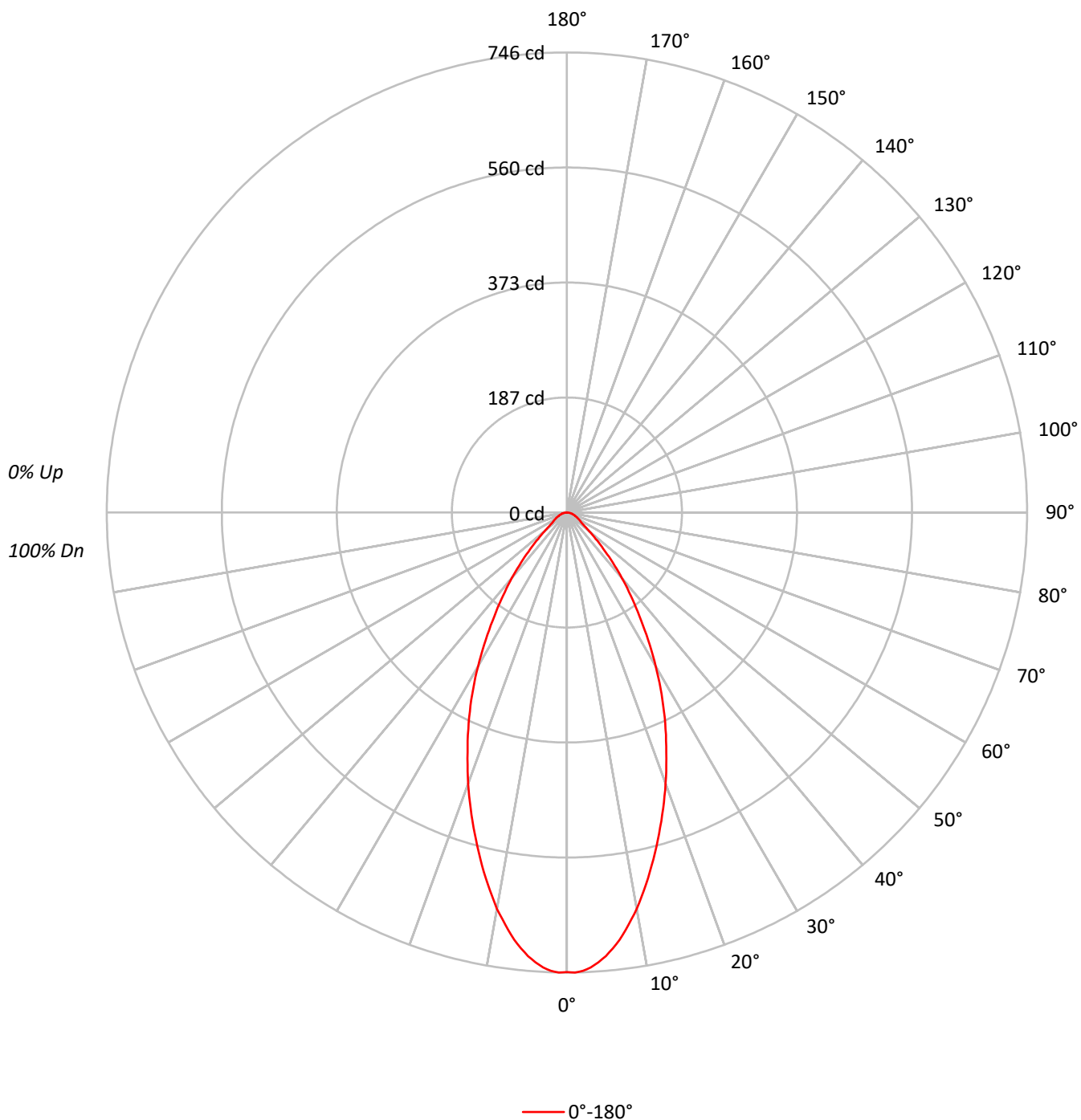
Lumens per Lamp: N/A
Luminaire Lumens: 647.9 lumens
Efficiency: N/A
Efficacy: 33.9 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	109	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	163452
5°	159013
10°	145310
15°	127288
20°	109186
25°	91167
30°	72948
35°	54716
40°	39703
45°	25956
50°	16238
55°	10972
60°	9736
65°	8924
70°	8399
75°	7625
80°	7198
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25956 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.7	10.3
10°-20°	156.2	24.1
20°-30°	172.1	26.6
30°-40°	128.9	19.9
40°-50°	66.8	10.3
50°-60°	27.7	4.3
60°-70°	17.2	2.6
70°-80°	9.6	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°	395.0	61.0
0°-40°	523.9	80.9
0°-60°	618.4	95.4
0°-90°	647.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	647.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	745	
5°	722	67
15°	561	156
25°	377	172
35°	204	129
45°	84	67
55°	29	28
65°	17	17
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	745.4
1°	746.2
2°	743.7
3°	738.8
4°	731.4
5°	722.4
6°	710.9
7°	698.6
8°	683.8
9°	668.2
10°	652.6
12.5°	607.5
15°	560.7
17.5°	513.9
20°	467.9
22.5°	421.1
25°	376.8
27.5°	332.5
30°	288.1
32.5°	244.6
35°	204.4
37.5°	169.9
40°	138.7
42.5°	110.0
45°	83.7
47.5°	63.2
50°	47.6
52.5°	35.3
55°	28.7
57.5°	25.4
60°	22.2
62.5°	19.7
65°	17.2
67.5°	14.8
70°	13.1
72.5°	10.7
75°	9.0
77.5°	7.4
80°	5.7
82.5°	4.1
85°	2.5
87.5°	0.8
90°	0.0

(END OF REPORT)