

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: P1285677

Luminaire Tested: P3AS13R60B2750DE010 E3DLD1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285677
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R60B2750DE010 E3DLD1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

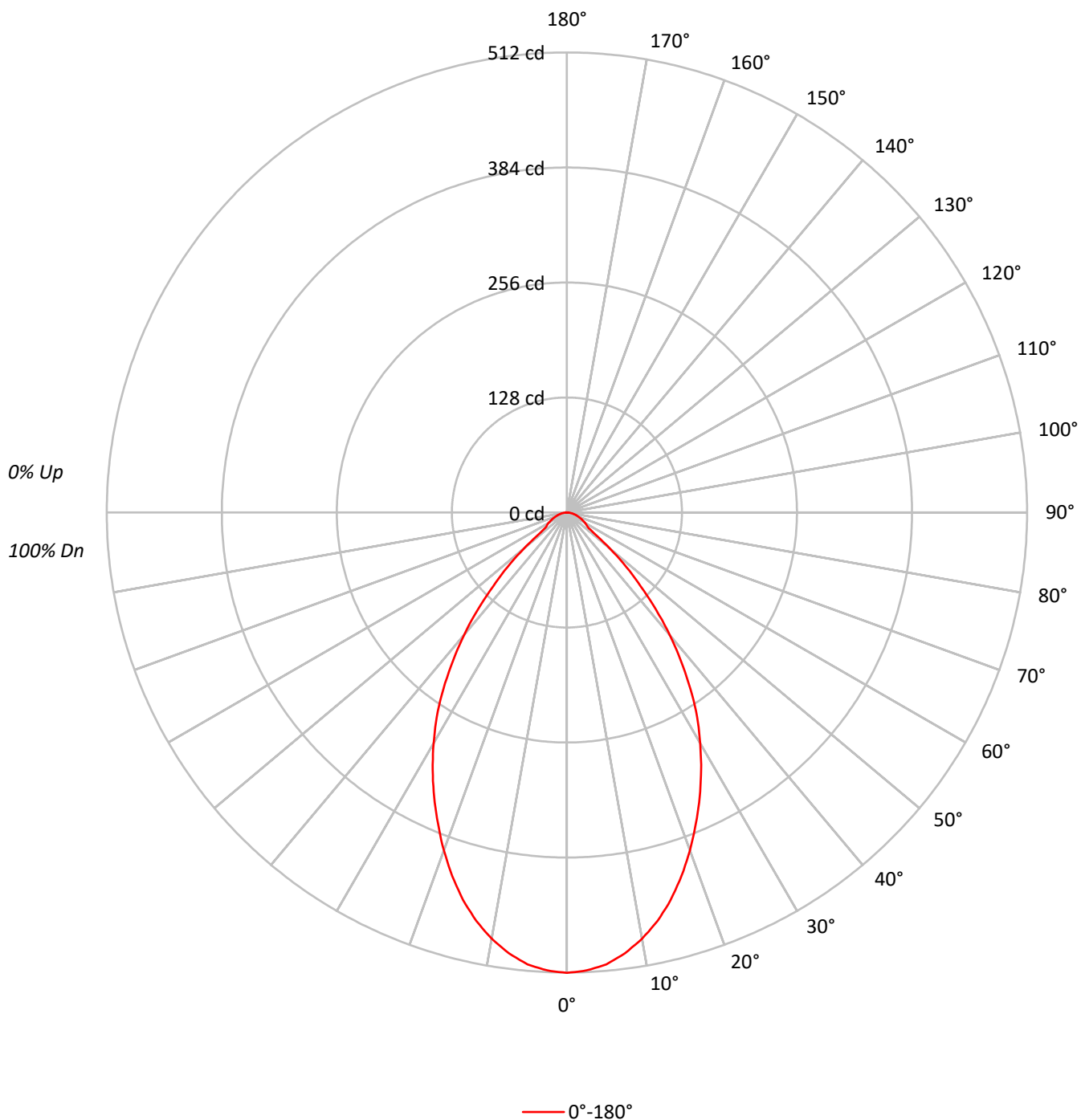
Lumens per Lamp: N/A
Luminaire Lumens: 632.9 lumens
Efficiency: N/A
Efficacy: 33.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	103	110	107	104	101	102	100	98		99	97	95		95	94	93	91
2	105	99	94	90	103	98	93	89	94	90	87		91	88	85		88	86	84	82
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82	78	76	74
4	92	83	77	72	90	82	76	71	80	75	71		78	73	70		76	72	69	67
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71	66	63	61
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66	61	58	56
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61	57	53	51
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58	53	49	47
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51	46	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	112359
5°	111116
10°	107257
15°	101340
20°	93411
25°	84586
30°	75100
35°	64166
40°	51010
45°	35973
50°	21492
55°	10857
60°	10438
65°	9547
70°	8848
75°	8472
80°	7703
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 35973 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.4	7.5
10°-20°	124.8	19.7
20°-30°	160.2	25.3
30°-40°	148.5	23.5
40°-50°	90.4	14.3
50°-60°	30.1	4.8
60°-70°	18.3	2.9
70°-80°	10.3	1.6
80°-90°	2.9	0.5
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°	332.4	52.5
0°-40°	480.9	76.0
0°-60°	601.4	95.0
0°-90°	632.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	632.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	512	
5°	505	47
15°	446	125
25°	350	160
35°	240	149
45°	116	90
55°	28	30
65°	18	18
75°	10	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	512.4
2.5°	510.1
5°	504.8
7.5°	494.8
10°	481.7
12.5°	465.6
15°	446.4
17.5°	424.1
20°	400.3
22.5°	374.9
25°	349.6
27.5°	323.4
30°	296.6
32.5°	269.7
35°	239.7
37.5°	208.2
40°	178.2
42.5°	146.7
45°	116.0
47.5°	89.9
50°	63.0
52.5°	37.6
55°	28.4
57.5°	26.1
60°	23.8
62.5°	20.7
65°	18.4
67.5°	16.1
70°	13.8
72.5°	11.5
75°	10.0
77.5°	7.7
80°	6.1
82.5°	3.8
85°	2.3
87.5°	1.5
90°	0.0

(END OF REPORT)