

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: P1285662

Luminaire Tested: P3AS13R60B2750DE010 E3DLD1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285662
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 E3DLD1GPH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

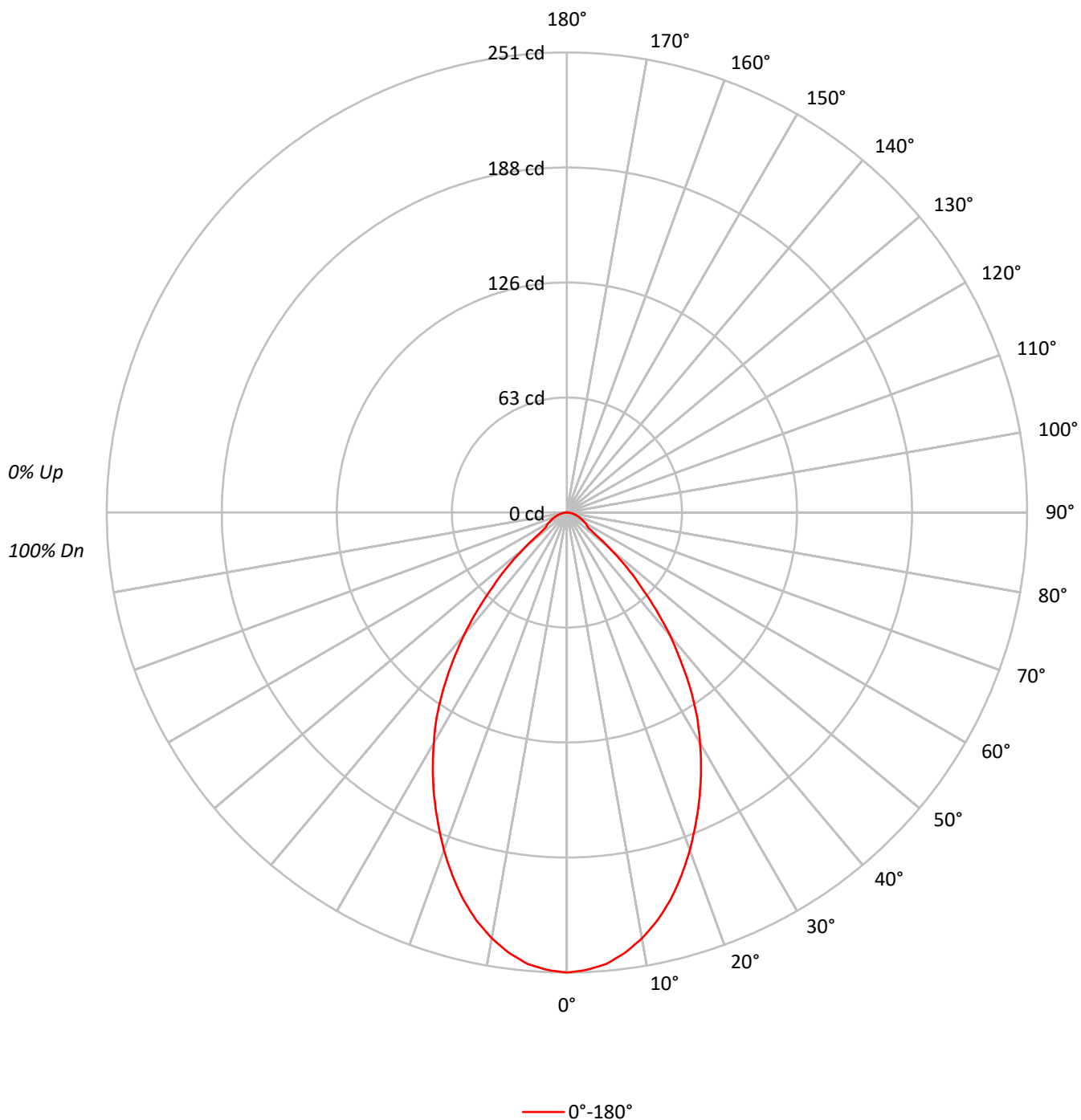
Lumens per Lamp: N/A
Luminaire Lumens: 310.0 lumens
Efficiency: N/A
Efficacy: 16.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				20				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0				0				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	97	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	70	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°	55039
5°	54413
10°	52526
15°	49626
20°	45737
25°	41422
30°	36765
35°	31427
40°	24990
45°	17614
50°	10541
55°	5314
60°	5131
65°	4670
70°	4360
75°	4151
80°	3788
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17614 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.2	7.5
10°-20°	61.1	19.7
20°-30°	78.4	25.3
30°-40°	72.7	23.5
40°-50°	44.3	14.3
50°-60°	14.8	4.8
60°-70°	9.0	2.9
70°-80°	5.1	1.6
80°-90°	1.4	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°	162.8	52.5
0°-40°	235.5	76.0
0°-60°	294.5	95.0
0°-90°	310.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	310.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	251	
5°	247	23
15°	219	61
25°	171	78
35°	117	73
45°	57	44
55°	14	15
65°	9	9
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	251.0
2.5°	249.8
5°	247.2
7.5°	242.3
10°	235.9
12.5°	228.0
15°	218.6
17.5°	207.7
20°	196.0
22.5°	183.6
25°	171.2
27.5°	158.4
30°	145.2
32.5°	132.1
35°	117.4
37.5°	102.0
40°	87.3
42.5°	71.9
45°	56.8
47.5°	44.0
50°	30.9
52.5°	18.4
55°	13.9
57.5°	12.8
60°	11.7
62.5°	10.2
65°	9.0
67.5°	7.9
70°	6.8
72.5°	5.6
75°	4.9
77.5°	3.8
80°	3.0
82.5°	1.9
85°	1.1
87.5°	0.8
90°	0.0

(END OF REPORT)