

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: P1284532

Luminaire Tested: P3AS13R20B2750DE010 E3DLD1WMH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284532
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R20B2750DE010 E3DLD1WMH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R20 optic, 2700K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

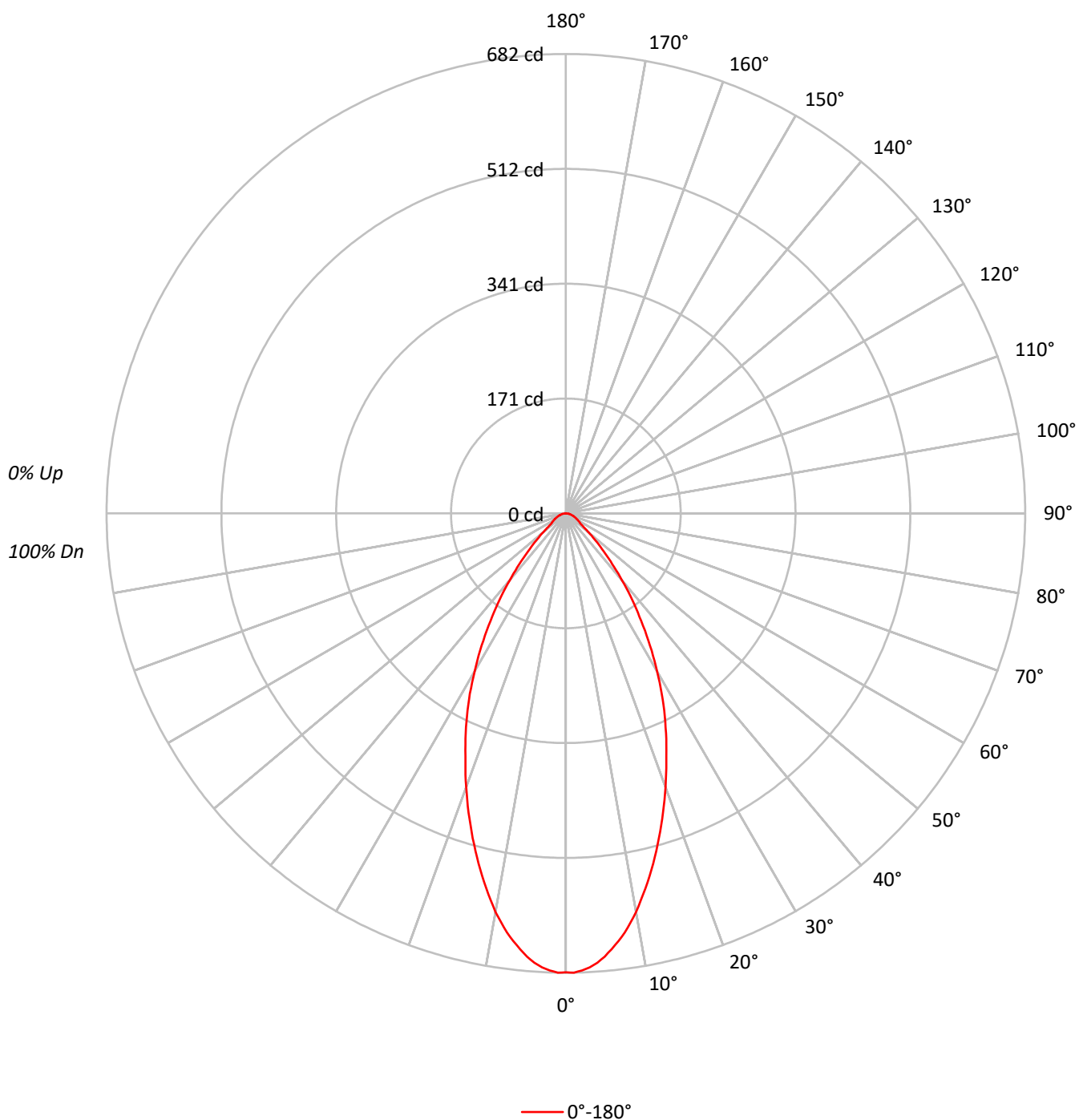
Lumens per Lamp: N/A
Luminaire Lumens: 604.0 lumens
Efficiency: N/A
Efficacy: 31.6 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91						
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83						
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76						
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70						
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65						
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60						
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55						
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52						
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48						
10	68	58	51	47	67	57	51	47	56	51	47	56	51	47	55	50	47	45						

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	149396
5°	145410
10°	133776
15°	117753
20°	100972
25°	84827
30°	68568
35°	52173
40°	37127
45°	24499
50°	15181
55°	9978
60°	9078
65°	8354
70°	7886
75°	7117
80°	6819
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24499 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.1	10.1
10°-20°	144.4	23.9
20°-30°	160.3	26.5
30°-40°	122.3	20.2
40°-50°	62.6	10.4
50°-60°	25.7	4.3
60°-70°	16.0	2.7
70°-80°	9.0	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°	365.8	60.6
0°-40°	488.0	80.8
0°-60°	576.4	95.4
0°-90°	604.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	604.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	681	
5°	661	61
15°	519	144
25°	351	160
35°	195	122
45°	79	63
55°	26	26
65°	16	16
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	681.3
1°	682.1
2°	679.0
3°	675.2
4°	669.0
5°	660.6
6°	650.6
7°	639.9
8°	628.4
9°	614.6
10°	600.8
12.5°	560.9
15°	518.7
17.5°	475.7
20°	432.7
22.5°	389.8
25°	350.6
27.5°	311.5
30°	270.8
32.5°	232.5
35°	194.9
37.5°	161.9
40°	129.7
42.5°	102.0
45°	79.0
47.5°	59.8
50°	44.5
52.5°	33.0
55°	26.1
57.5°	23.8
60°	20.7
62.5°	18.4
65°	16.1
67.5°	13.8
70°	12.3
72.5°	10.0
75°	8.4
77.5°	6.9
80°	5.4
82.5°	3.8
85°	2.3
87.5°	0.8
90°	0.0

(END OF REPORT)