

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: P1285947

Luminaire Tested: P3AS13R70B2750DE010 E3DL1WMH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285947
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R70B2750DE010 E3DL1WMH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 2700K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

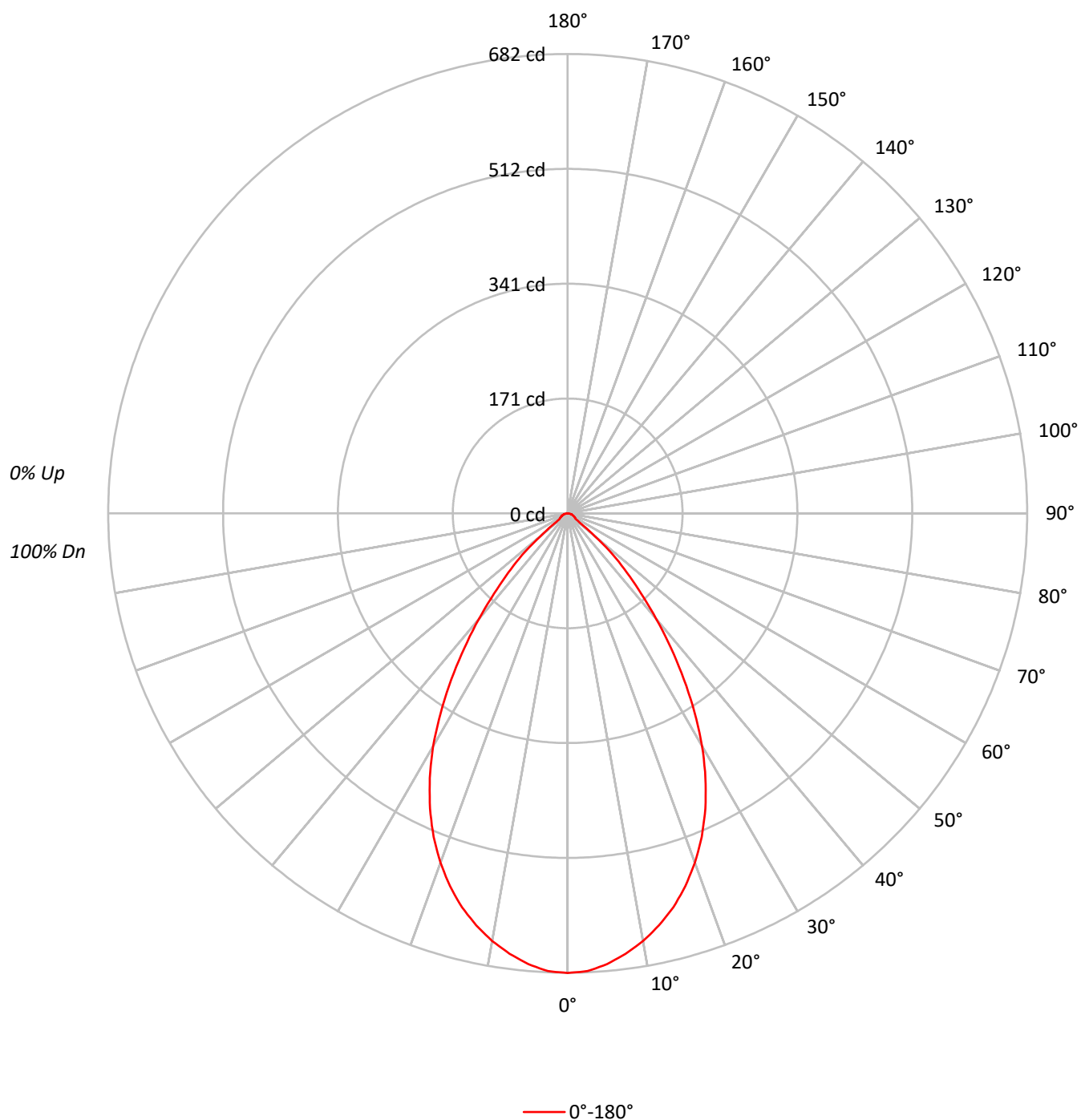
Lumens per Lamp: N/A
Luminaire Lumens: 773.0 lumens
Efficiency: N/A
Efficacy: 40.5 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1285947

CATALOG NUMBER: P3AS13R70B2750DE010 E3DL1WMH_2700K

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	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	149637
5°	147853
10°	143573
15°	137504
20°	128788
25°	117007
30°	101079
35°	80549
40°	58681
45°	38578
50°	18080
55°	5582
60°	5394
65°	5189
70°	4937
75°	5168
80°	4799
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38578 cd/sqm

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CATALOG NUMBER: P3AS13R70B2750DE010 E3DL1WMH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.2	8.2
10°-20°	169.5	21.9
20°-30°	220.3	28.5
30°-40°	186.9	24.2
40°-50°	96.4	12.5
50°-60°	18.6	2.4
60°-70°	10.1	1.3
70°-80°	6.2	0.8
80°-90°	1.8	0.2
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°	453.1	58.6
0°-40°	640.0	82.8
0°-60°	755.0	97.7
0°-90°	773.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	773.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	682	
5°	672	63
15°	606	170
25°	484	220
35°	301	187
45°	124	96
55°	15	19
65°	10	10
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	682.4
2.5°	680.1
5°	671.7
7.5°	659.4
10°	644.8
12.5°	626.4
15°	605.7
17.5°	580.3
20°	551.9
22.5°	519.7
25°	483.6
27.5°	442.9
30°	399.2
32.5°	350.8
35°	300.9
37.5°	251.8
40°	205.0
42.5°	161.2
45°	124.4
47.5°	91.4
50°	53.0
52.5°	23.0
55°	14.6
57.5°	13.8
60°	12.3
62.5°	11.5
65°	10.0
67.5°	9.2
70°	7.7
72.5°	6.9
75°	6.1
77.5°	4.6
80°	3.8
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)