

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: P1285926

Luminaire Tested: P3AS13R70B2750DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285926
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 E3DL1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 5000K CCT AND, 80CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

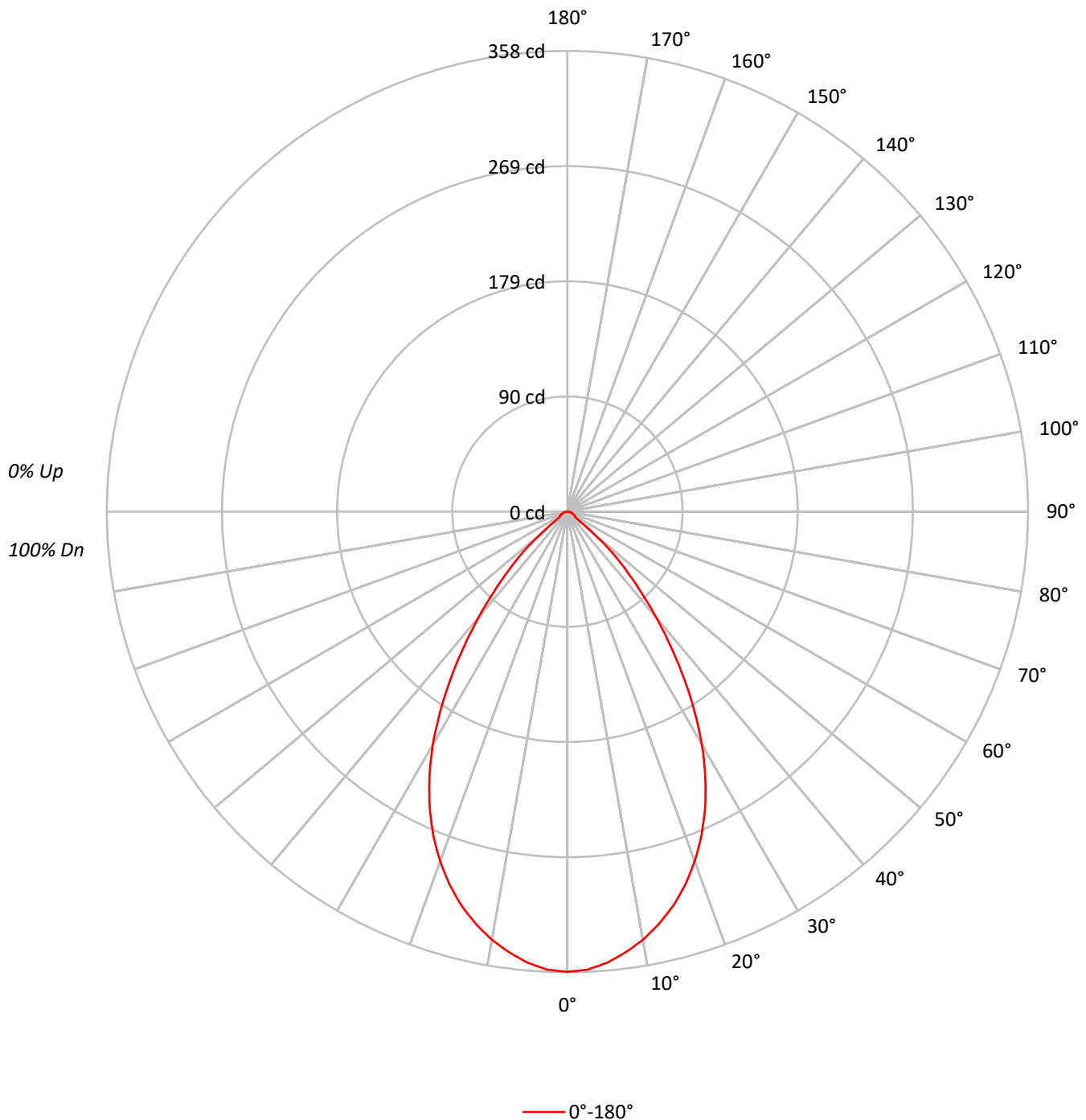
Lumens per Lamp: N/A
Luminaire Lumens: 405.0 lumens
Efficiency: N/A
Efficacy: 21.2 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1285926

CATALOG NUMBER: P3AS13R70B2750DE010 E3DL1GPH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1285926

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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°	78415
5°	77460
10°	75216
15°	72032
20°	67486
25°	61310
30°	52945
35°	42215
40°	30743
45°	20219
50°	9484
55°	2906
60°	2807
65°	2698
70°	2565
75°	2711
80°	2526
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20219 cd/sqm

TEST NUMBER: P1285926

CATALOG NUMBER: P3AS13R70B2750DE010 E3DL1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.1	8.2
10°-20°	88.8	21.9
20°-30°	115.4	28.5
30°-40°	97.9	24.2
40°-50°	50.5	12.5
50°-60°	9.7	2.4
60°-70°	5.2	1.3
70°-80°	3.2	0.8
80°-90°	0.9	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°	237.4	58.6
0°-40°	335.3	82.8
0°-60°	395.6	97.7
0°-90°	405.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	405.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	358	
5°	352	33
15°	317	89
25°	253	115
35°	158	98
45°	65	51
55°	8	10
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	357.6
2.5°	356.3
5°	351.9
7.5°	345.5
10°	337.8
12.5°	328.2
15°	317.3
17.5°	304.1
20°	289.2
22.5°	272.3
25°	253.4
27.5°	232.1
30°	209.1
32.5°	183.8
35°	157.7
37.5°	131.9
40°	107.4
42.5°	84.5
45°	65.2
47.5°	47.9
50°	27.8
52.5°	12.1
55°	7.6
57.5°	7.2
60°	6.4
62.5°	6.0
65°	5.2
67.5°	4.8
70°	4.0
72.5°	3.6
75°	3.2
77.5°	2.4
80°	2.0
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)