

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: P1282493

Luminaire Tested: P3AS05R70B2750DE010 E3DL1WH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282493
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R70B2750DE010 E3DL1WH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

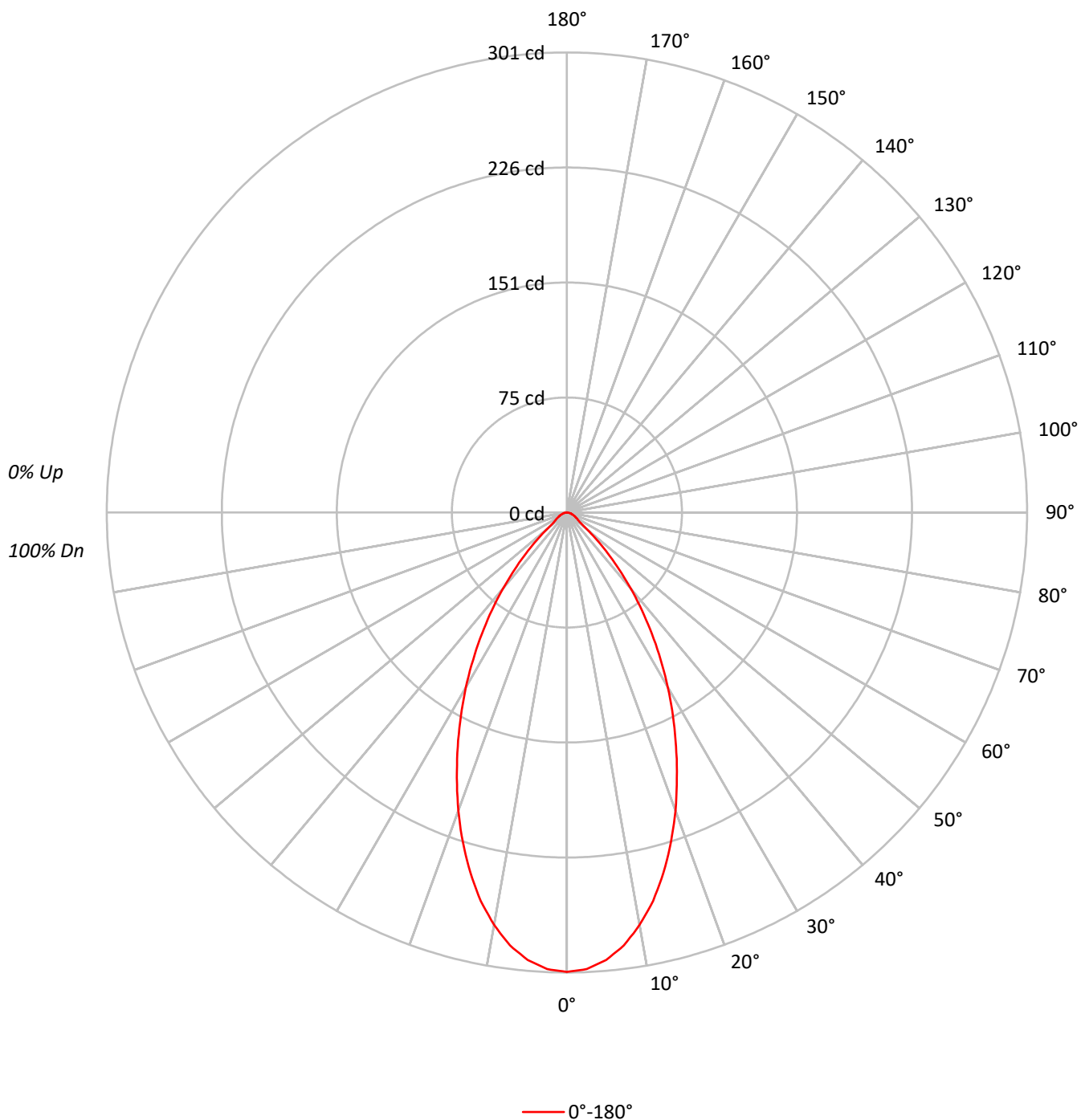
Lumens per Lamp: N/A
Luminaire Lumens: 281.0 lumens
Efficiency: N/A
Efficacy: 47.6 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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: P1282493

CATALOG NUMBER: P3AS05R70B2750DE010 E3DL1WH_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1282493

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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	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	65916
5°	64693
10°	61010
15°	55369
20°	48444
25°	40865
30°	33448
35°	25939
40°	18578
45°	11753
50°	5868
55°	3594
60°	3070
65°	2854
70°	2500
75°	2288
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11753 cd/sqm

TEST NUMBER: P1282493

CATALOG NUMBER: P3AS05R70B2750DE010 E3DL1WH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.4	9.8
10°-20°	67.9	24.2
20°-30°	77.3	27.5
30°-40°	60.4	21.5
40°-50°	29.7	10.6
50°-60°	9.1	3.2
60°-70°	5.4	1.9
70°-80°	2.9	1.0
80°-90°	0.9	0.3
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°	172.6	61.4
0°-40°	233.0	82.9
0°-60°	271.8	96.7
0°-90°	281.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	281.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	301	
5°	294	27
15°	244	68
25°	169	77
35°	97	60
45°	38	30
55°	9	9
65°	6	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	300.6
2.5°	299.0
5°	293.9
7.5°	285.7
10°	274.0
12.5°	260.3
15°	243.9
17.5°	226.3
20°	207.6
22.5°	188.0
25°	168.9
27.5°	150.1
30°	132.1
32.5°	114.1
35°	96.9
37.5°	80.5
40°	64.9
42.5°	50.4
45°	37.9
47.5°	26.6
50°	17.2
52.5°	11.3
55°	9.4
57.5°	8.2
60°	7.0
62.5°	6.3
65°	5.5
67.5°	4.7
70°	3.9
72.5°	3.1
75°	2.7
77.5°	2.3
80°	1.6
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)