

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: P1281757

Luminaire Tested: P3AS05R45B2750DE010 E3DL1LI_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281757
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R45B2750DE010 E3DL1LI_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R45 optic, 2700K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

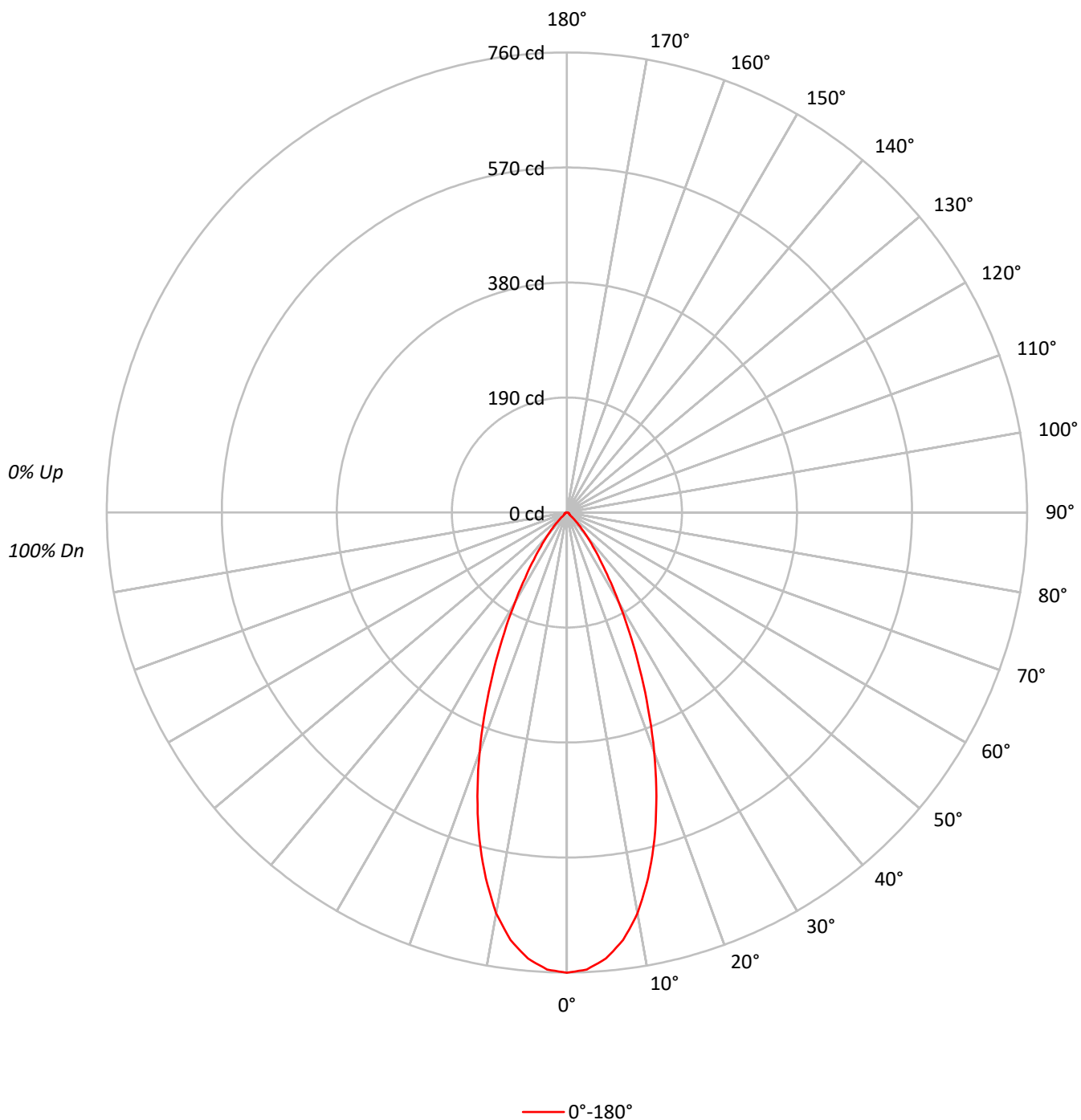
Lumens per Lamp: N/A
Luminaire Lumens: 444.0 lumens
Efficiency: N/A
Efficacy: 75.3 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98	97	96	94
2	109	104	100	97	106	102	99	96	99	96	94		96	94	92		93	91	90	88
3	104	98	93	89	102	96	92	88	94	90	87		91	88	86		89	86	84	83
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85	82	79	78
5	94	87	81	77	93	86	81	77	84	80	76		82	79	76		81	78	75	74
6	90	82	76	73	89	81	76	72	80	75	72		78	74	71		77	74	71	69
7	86	78	72	68	85	77	72	68	76	71	68		75	71	67		74	70	67	66
8	83	74	68	65	82	73	68	64	72	68	64		71	67	64		70	67	64	62
9	79	70	65	61	78	70	65	61	69	64	61		68	64	61		67	63	61	59
10	76	67	62	58	75	67	62	58	66	61	58		65	61	58		65	61	58	57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	166741
5°	162822
10°	149674
15°	126834
20°	98405
25°	68786
30°	43323
35°	25511
40°	14427
45°	7008
50°	2422
55°	1988
60°	1930
65°	1868
70°	1795
75°	1694
80°	1515
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7008 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.5	15.4
10°-20°	153.4	34.6
20°-30°	130.3	29.3
30°-40°	62.1	14.0
40°-50°	18.7	4.2
50°-60°	4.8	1.1
60°-70°	3.6	0.8
70°-80°	2.1	0.5
80°-90°	0.6	0.1
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°	352.2	79.3
0°-40°	414.3	93.3
0°-60°	437.8	98.6
0°-90°	444.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	444.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	760	
5°	740	68
15°	559	153
25°	284	130
35°	95	62
45°	23	19
55°	5	5
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	760.4
2.5°	755.6
5°	739.7
7.5°	712.3
10°	672.2
12.5°	619.0
15°	558.7
17.5°	491.6
20°	421.7
22.5°	350.6
25°	284.3
27.5°	223.9
30°	171.1
32.5°	128.6
35°	95.3
37.5°	70.3
40°	50.4
42.5°	34.9
45°	22.6
47.5°	12.7
50°	7.1
52.5°	5.6
55°	5.2
57.5°	4.8
60°	4.4
62.5°	4.0
65°	3.6
67.5°	3.2
70°	2.8
72.5°	2.4
75°	2.0
77.5°	1.6
80°	1.2
82.5°	0.8
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)