

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: P1281761

Luminaire Tested: P3AS05R45B2750DE010 E3DL1LI_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281761
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_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R45 optic, 5000K CCT AND, 80CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

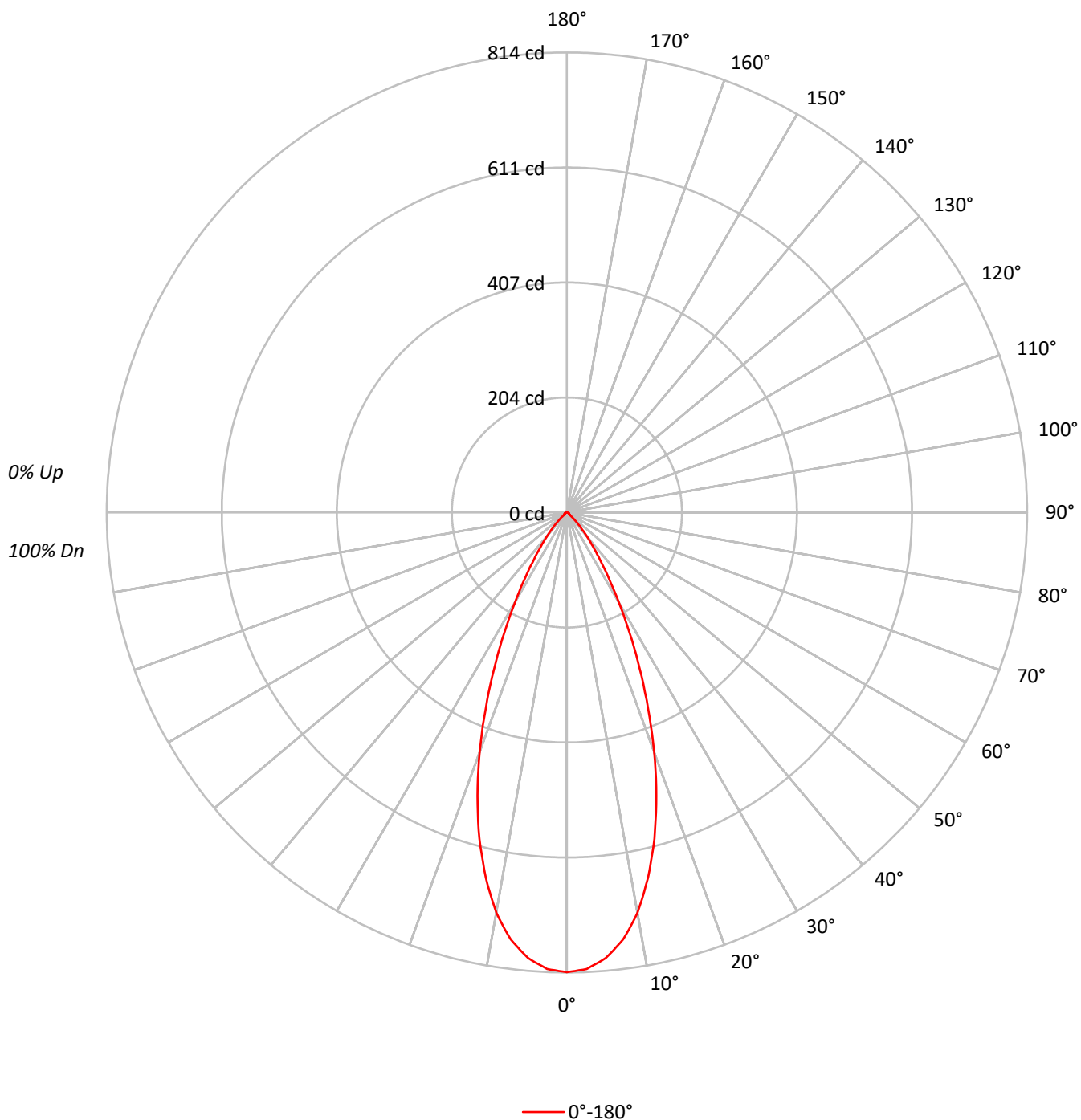
Lumens per Lamp: N/A
Luminaire Lumens: 474.9 lumens
Efficiency: N/A
Efficacy: 80.5 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	87	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	77	73	89	81	76	72	80	75	72		78	74	71		77	74	71		70
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	65	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°	178385
5°	174202
10°	160140
15°	135687
20°	105266
25°	73577
30°	46362
35°	27278
40°	15429
45°	7505
50°	2593
55°	2103
60°	2061
65°	1972
70°	1923
75°	1779
80°	1642
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7505 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.3	15.4
10°-20°	164.1	34.6
20°-30°	139.4	29.3
30°-40°	66.5	14.0
40°-50°	20.0	4.2
50°-60°	5.1	1.1
60°-70°	3.8	0.8
70°-80°	2.2	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°	376.8	79.3
0°-40°	443.2	93.3
0°-60°	468.3	98.6
0°-90°	474.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	474.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	814	
5°	791	73
15°	598	164
25°	304	139
35°	102	66
45°	24	20
55°	6	5
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	813.5
2.5°	808.4
5°	791.4
7.5°	762.1
10°	719.2
12.5°	662.2
15°	597.7
17.5°	525.9
20°	451.1
22.5°	375.1
25°	304.1
27.5°	239.6
30°	183.1
32.5°	137.6
35°	101.9
37.5°	75.2
40°	53.9
42.5°	37.4
45°	24.2
47.5°	13.6
50°	7.6
52.5°	5.9
55°	5.5
57.5°	5.1
60°	4.7
62.5°	4.2
65°	3.8
67.5°	3.4
70°	3.0
72.5°	2.5
75°	2.1
77.5°	1.7
80°	1.3
82.5°	0.8
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)