

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: P1281173

Luminaire Tested: P3AS05R25B2750DE010 E3DL1LI_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281173
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R25B2750DE010 E3DL1LI_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

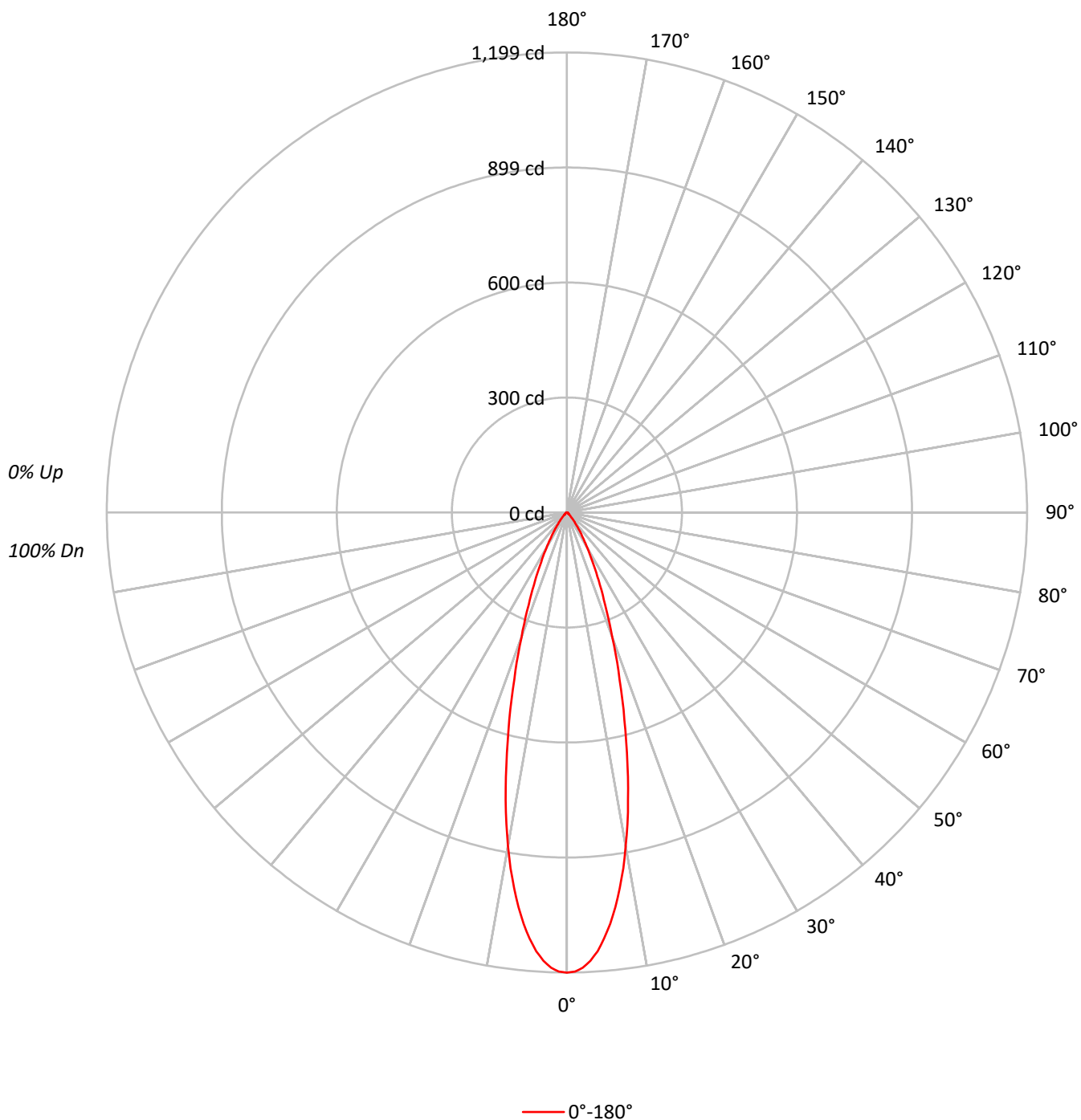
Lumens per Lamp: N/A
Luminaire Lumens: 410.0 lumens
Efficiency: N/A
Efficacy: 69.5 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1281173

CATALOG NUMBER: P3AS05R25B2750DE010 E3DL1LI_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1281173

CATALOG NUMBER: P3AS05R25B2750DE010 E3DL1LI_3000K

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	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95	93	92	90
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91	89	87	86
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88	85	83	82
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85	82	79	78
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82	78	76	75
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79	75	73	72
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76	73	70	69
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73	70	67	66
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71	67	65	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	263005
5°	245366
10°	196567
15°	133417
20°	80740
25°	47204
30°	26890
35°	14777
40°	7843
45°	4124
50°	2422
55°	1797
60°	1535
65°	1608
70°	1539
75°	1356
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4124 cd/sqm

TEST NUMBER: P1281173

CATALOG NUMBER: P3AS05R25B2750DE010 E3DL1LI_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.9	24.1
10°-20°	161.6	39.4
20°-30°	92.3	22.5
30°-40°	36.4	8.9
40°-50°	11.2	2.7
50°-60°	4.4	1.1
60°-70°	2.9	0.7
70°-80°	1.7	0.4
80°-90°	0.5	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°	352.8	86.1
0°-40°	389.3	94.9
0°-60°	404.9	98.7
0°-90°	410.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	410.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1199	
5°	1115	99
15°	588	162
25°	195	92
35°	55	36
45°	13	11
55°	5	4
65°	3	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1281173

CATALOG NUMBER: P3AS05R25B2750DE010 E3DL1LI_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1199.4
1°	1197.0
2°	1187.2
3°	1170.0
4°	1146.1
5°	1114.7
6°	1077.9
7°	1036.4
8°	988.2
9°	938.8
10°	882.8
11°	827.5
12°	766.8
13°	706.9
14°	645.3
15°	587.7
17.5°	455.7
20°	346.0
22.5°	259.8
25°	195.1
27.5°	144.6
30°	106.2
32.5°	76.8
35°	55.2
37.5°	39.2
40°	27.4
42.5°	18.8
45°	13.3
47.5°	9.4
50°	7.1
52.5°	5.5
55°	4.7
57.5°	4.3
60°	3.5
62.5°	3.1
65°	3.1
67.5°	2.7
70°	2.4
72.5°	2.0
75°	1.6
77.5°	1.2
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.4



TEST NUMBER: P1281173

CATALOG NUMBER: P3AS05R25B2750DE010 E3DL1LI_3000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)