

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: P1280946

Luminaire Tested: P3AS05R15B2750DE010 E3DLP1LI_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1280946
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R15B2750DE010 E3DLP1LI_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 80CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

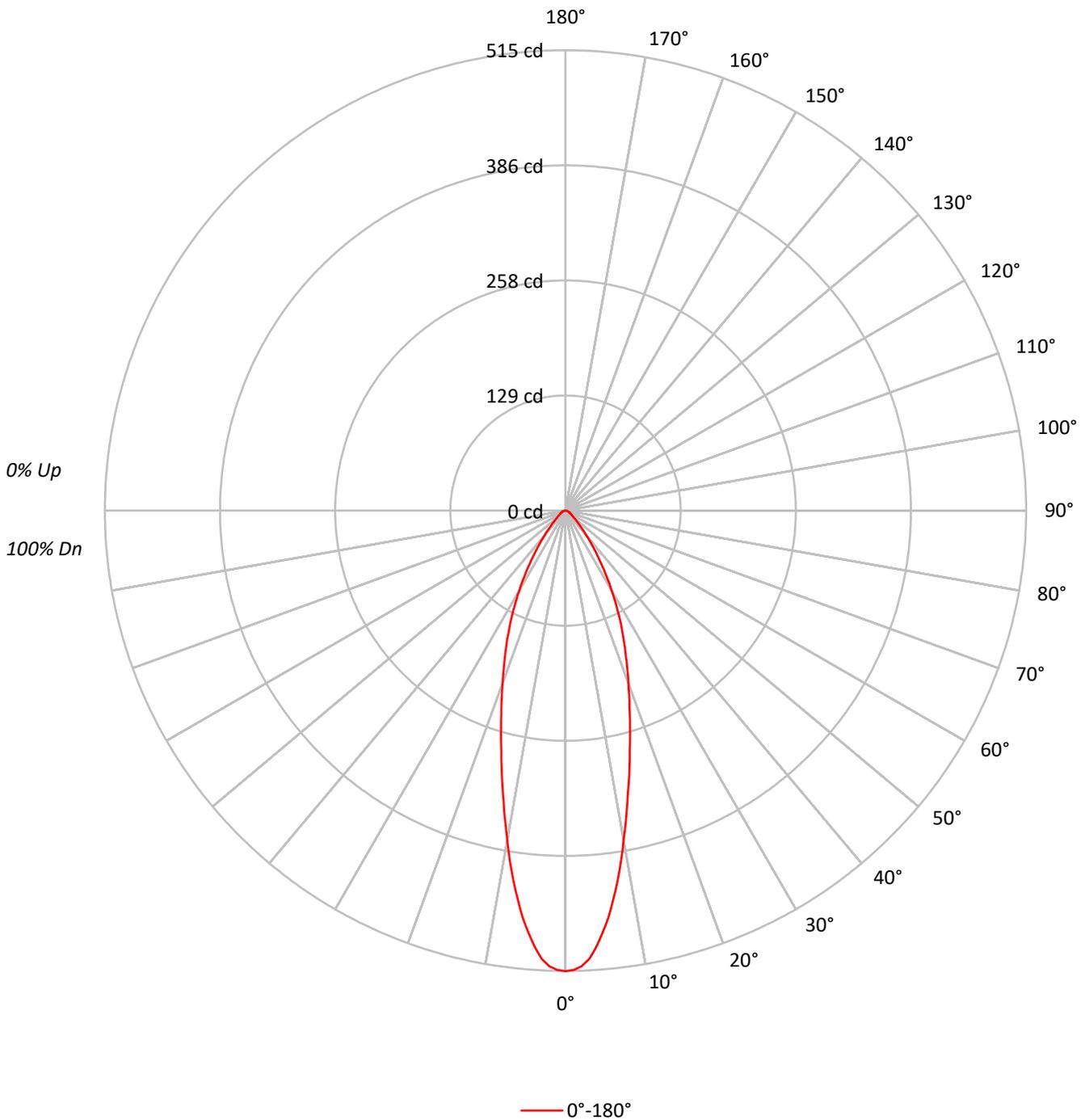
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 262.0 lumens
Efficiency: N/A
Efficacy: 44.4 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
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: P1280946
CATALOG NUMBER: P3AS05R15B2750DE010 E3DLP1LI_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1280946
 CATALOG NUMBER: P3AS05R15B2750DE010 E3DLP1LI_5000K

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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	80	80	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	75	75	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	66	66	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	56	56	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	112973
5°	104424
10°	83365
15°	62974
20°	47954
25°	36534
30°	26181
35°	17079
40°	10477
45°	6326
50°	4196
55°	3250
60°	2807
65°	2439
70°	2180
75°	2203
80°	1642
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6326 cd/sqm



TEST NUMBER: P1280946
 CATALOG NUMBER: P3AS05R15B2750DE010 E3DLP1LI_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.0	16.0
10°-20°	77.5	29.6
20°-30°	69.0	26.3
30°-40°	40.8	15.6
40°-50°	16.7	6.4
50°-60°	7.9	3.0
60°-70°	4.8	1.8
70°-80°	2.5	1.0
80°-90°	0.6	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°	188.6	72.0
0°-40°	229.4	87.6
0°-60°	254.0	97.0
0°-90°	262.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	262.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	515	
5°	474	42
15°	277	78
25°	151	69
35°	64	41
45°	20	17
55°	8	8
65°	5	5
75°	3	3
85°	0	1
90°	0	



TEST NUMBER: P1280946
CATALOG NUMBER: P3AS05R15B2750DE010 E3DLP1LI_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	515.2
1°	514.0
2°	510.1
3°	502.5
4°	489.7
5°	474.4
6°	457.8
7°	438.2
8°	417.8
9°	397.0
10°	374.4
12.5°	322.9
15°	277.4
17.5°	238.3
20°	205.5
22.5°	176.6
25°	151.0
27.5°	126.4
30°	103.4
32.5°	82.5
35°	63.8
37.5°	48.9
40°	36.6
42.5°	27.2
45°	20.4
47.5°	15.7
50°	12.3
52.5°	10.2
55°	8.5
57.5°	7.2
60°	6.4
62.5°	5.5
65°	4.7
67.5°	4.3
70°	3.4
72.5°	3.0
75°	2.6
77.5°	1.7
80°	1.3
82.5°	0.9
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)