

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: P1280917

Luminaire Tested: P3AS05R15B2750DE010 E3DLD1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1280917
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R15B2750DE010 E3DLD1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

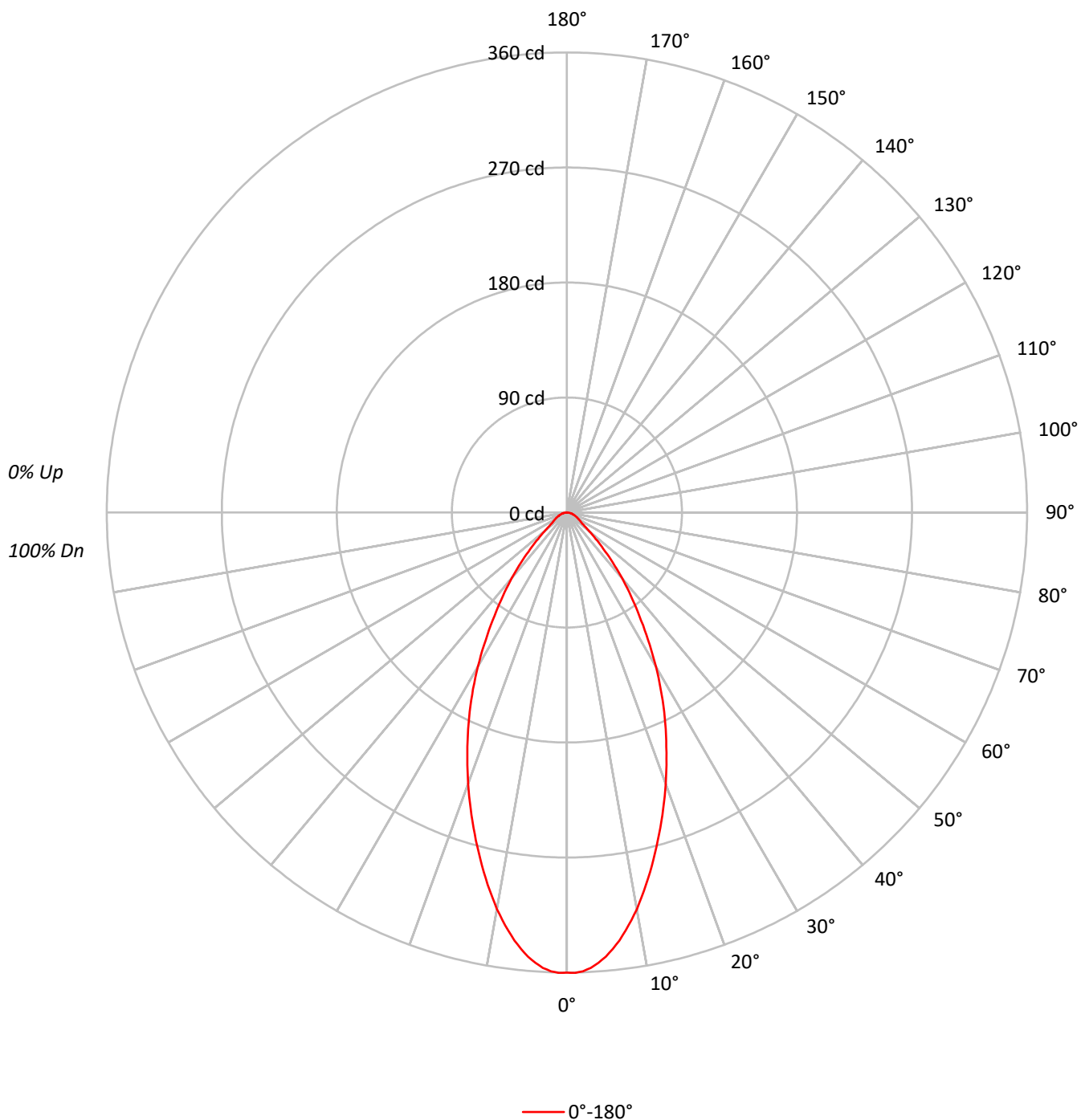
Lumens per Lamp: N/A
Luminaire Lumens: 313.0 lumens
Efficiency: N/A
Efficacy: 53.1 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1280917

CATALOG NUMBER: P3AS05R15B2750DE010 E3DLD1MW_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1280917

CATALOG NUMBER: P3AS05R15B2750DE010 E3DLD1MW_2700K

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	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	78941
5°	76799
10°	70184
15°	61476
20°	52738
25°	44035
30°	35246
35°	26421
40°	19179
45°	12528
50°	7846
55°	5314
60°	4693
65°	4307
70°	4039
75°	3728
80°	3536
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12528 cd/sqm

TEST NUMBER: P1280917

CATALOG NUMBER: P3AS05R15B2750DE010 E3DLD1MW_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.2	10.3
10°-20°	75.5	24.1
20°-30°	83.1	26.6
30°-40°	62.3	19.9
40°-50°	32.2	10.3
50°-60°	13.4	4.3
60°-70°	8.3	2.6
70°-80°	4.7	1.5
80°-90°	1.4	0.4
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°	190.8	61.0
0°-40°	253.1	80.8
0°-60°	298.7	95.4
0°-90°	313.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	313.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	360	
5°	349	32
15°	271	75
25°	182	83
35°	99	62
45°	40	32
55°	14	13
65°	8	8
75°	4	5
85°	1	1
90°	0	

TEST NUMBER: P1280917

CATALOG NUMBER: P3AS05R15B2750DE010 E3DLD1MW_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	360.0
1°	360.4
2°	359.2
3°	356.9
4°	353.3
5°	348.9
6°	343.4
7°	337.4
8°	330.3
9°	322.8
10°	315.2
12.5°	293.4
15°	270.8
17.5°	248.2
20°	226.0
22.5°	203.4
25°	182.0
27.5°	160.6
30°	139.2
32.5°	118.2
35°	98.7
37.5°	82.1
40°	67.0
42.5°	53.1
45°	40.4
47.5°	30.5
50°	23.0
52.5°	17.1
55°	13.9
57.5°	12.3
60°	10.7
62.5°	9.5
65°	8.3
67.5°	7.1
70°	6.3
72.5°	5.2
75°	4.4
77.5°	3.6
80°	2.8
82.5°	2.0
85°	1.2
87.5°	0.4
90°	0.0

(END OF REPORT)