

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: P1282082

Luminaire Tested: P3AS05R55B2750DE010 E3DLD1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282082
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R55B2750DE010 E3DLD1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

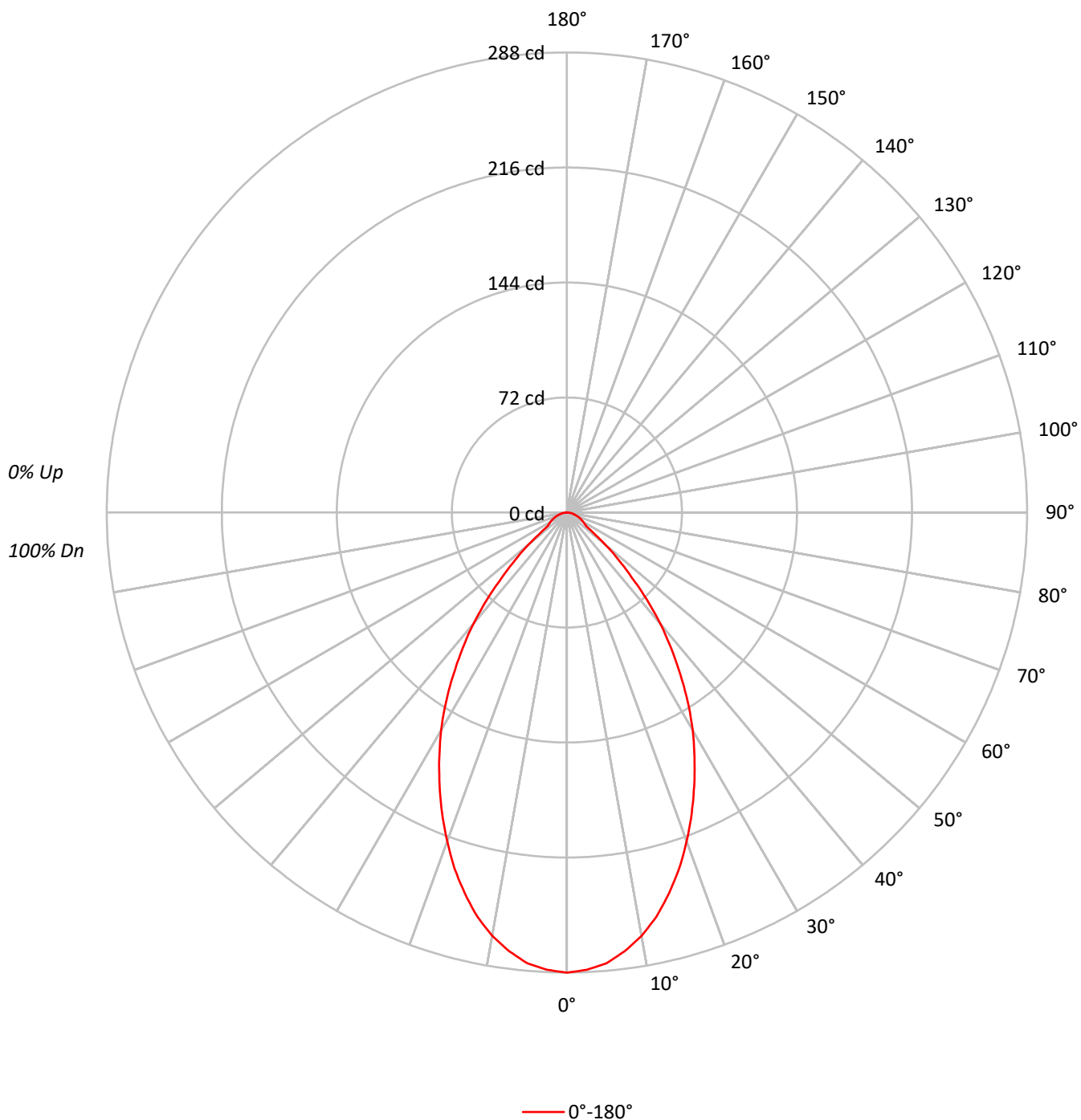
Lumens per Lamp: N/A
Luminaire Lumens: 336.0 lumens
Efficiency: N/A
Efficacy: 56.9 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	112	109	106	103	110	107	104	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	63175
5°	62360
10°	59919
15°	56028
20°	51128
25°	45607
30°	39880
35°	33140
40°	26135
45°	17707
50°	10814
55°	5620
60°	5219
65°	4929
70°	4552
75°	4067
80°	4041
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17707 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.6	7.9
10°-20°	69.0	20.5
20°-30°	86.4	25.7
30°-40°	77.1	23.0
40°-50°	45.2	13.4
50°-60°	15.6	4.6
60°-70°	9.4	2.8
70°-80°	5.3	1.6
80°-90°	1.5	0.5
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°	181.9	54.2
0°-40°	259.1	77.1
0°-60°	319.8	95.2
0°-90°	336.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	336.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	288	
5°	283	27
15°	247	69
25°	188	86
35°	124	77
45°	57	45
55°	15	16
65°	10	9
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	288.1
2.5°	286.5
5°	283.3
7.5°	277.0
10°	269.1
12.5°	259.1
15°	246.8
17.5°	233.7
20°	219.1
22.5°	204.0
25°	188.5
27.5°	173.0
30°	157.5
32.5°	140.9
35°	123.8
37.5°	107.1
40°	91.3
42.5°	74.2
45°	57.1
47.5°	43.7
50°	31.7
52.5°	20.6
55°	14.7
57.5°	13.1
60°	11.9
62.5°	10.7
65°	9.5
67.5°	8.3
70°	7.1
72.5°	6.0
75°	4.8
77.5°	4.0
80°	3.2
82.5°	2.0
85°	1.2
87.5°	0.8
90°	0.0

(END OF REPORT)