

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: P1285520

Luminaire Tested: P3AS13R55B2750DE010 E3DLD1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285520
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: P3AS13R55B2750DE010 E3DLD1GPH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 4000K CCT AND, 80CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

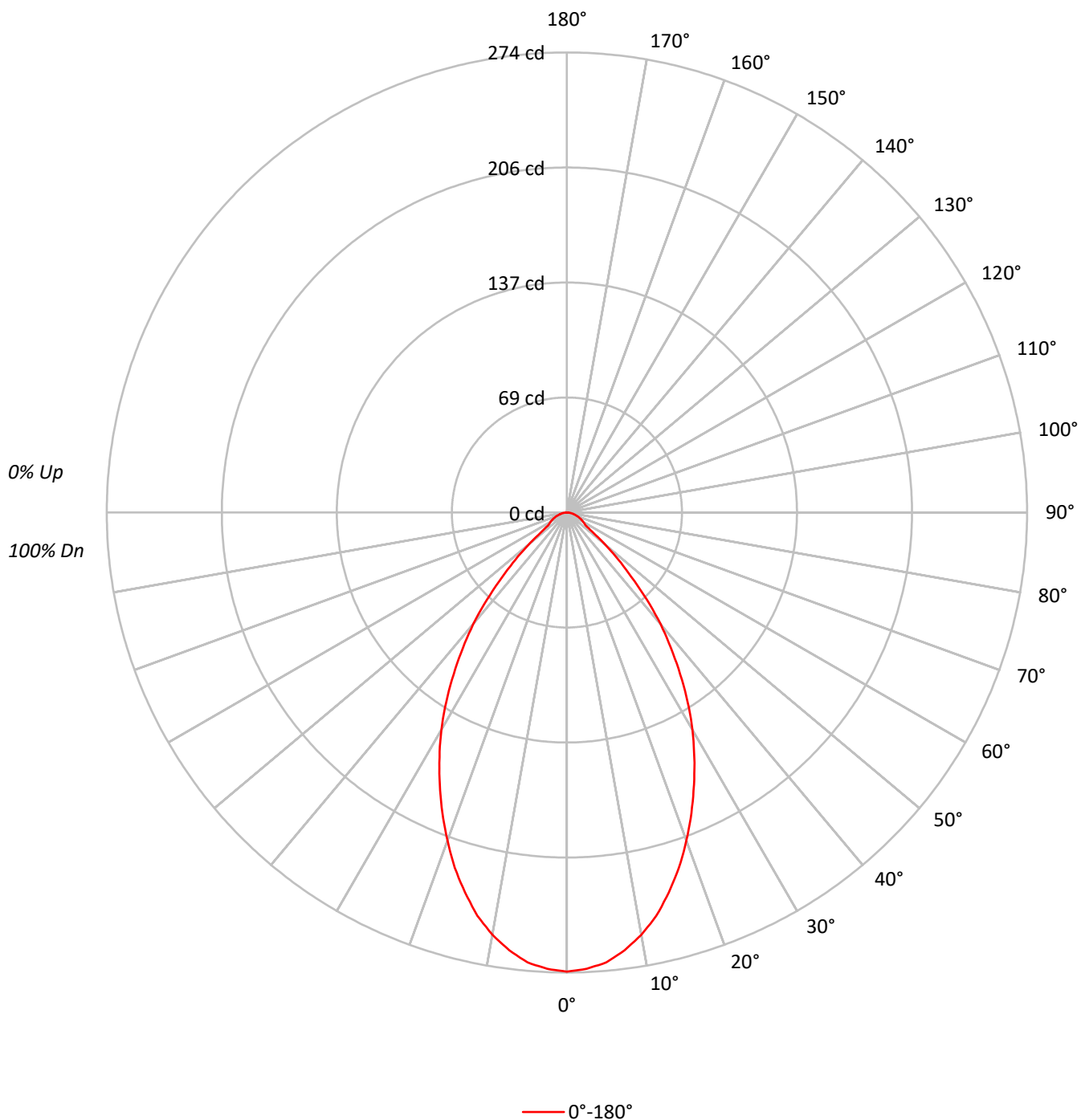
Lumens per Lamp: N/A
Luminaire Lumens: 319.0 lumens
Efficiency: N/A
Efficacy: 16.7 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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°	59973
5°	59212
10°	56868
15°	53190
20°	48538
25°	43309
30°	37879
35°	31481
40°	24818
45°	16839
50°	10268
55°	5314
60°	4956
65°	4670
70°	4360
75°	3813
80°	3788
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16839 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.2	7.9
10°-20°	65.5	20.5
20°-30°	82.0	25.7
30°-40°	73.2	23.0
40°-50°	42.9	13.4
50°-60°	14.8	4.6
60°-70°	8.9	2.8
70°-80°	5.0	1.6
80°-90°	1.4	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°	172.8	54.2
0°-40°	246.0	77.1
0°-60°	303.7	95.2
0°-90°	319.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	319.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	274	
5°	269	25
15°	234	65
25°	179	82
35°	118	73
45°	54	43
55°	14	15
65°	9	9
75°	4	5
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	273.5
2.5°	272.0
5°	269.0
7.5°	263.0
10°	255.4
12.5°	246.0
15°	234.3
17.5°	221.9
20°	208.0
22.5°	193.7
25°	179.0
27.5°	164.3
30°	149.6
32.5°	133.8
35°	117.6
37.5°	101.7
40°	86.7
42.5°	70.5
45°	54.3
47.5°	41.4
50°	30.1
52.5°	19.6
55°	13.9
57.5°	12.4
60°	11.3
62.5°	10.2
65°	9.0
67.5°	7.9
70°	6.8
72.5°	5.7
75°	4.5
77.5°	3.8
80°	3.0
82.5°	1.9
85°	1.1
87.5°	0.8
90°	0.0

(END OF REPORT)