

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: P1285518

Luminaire Tested: P3AS13R55B2750DE010 E3DLD1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285518
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_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

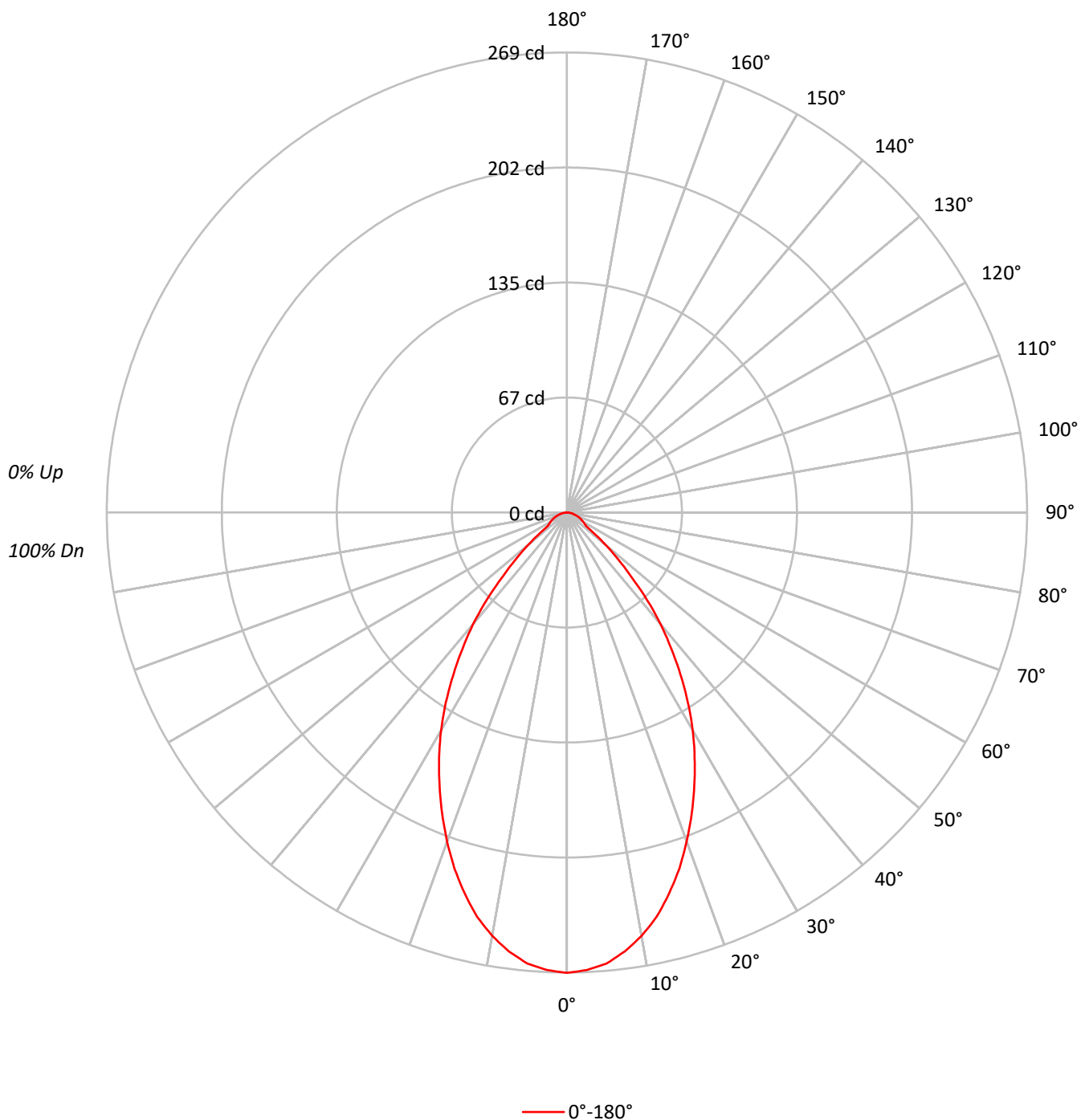
Lumens per Lamp: N/A
Luminaire Lumens: 314.0 lumens
Efficiency: N/A
Efficacy: 16.4 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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						
1	112	109	106	103	110	107	104	102	103	100	98	99	97	95	95	94	93	91						
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82						
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74						
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68						
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62						
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57						
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52						
8	73	62	55	51	72	62	55	51	60	54	50	59	54	50	58	53	50	48						
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45						
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42						

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	59030
5°	58287
10°	55978
15°	52373
20°	47767
25°	42631
30°	37272
35°	30972
40°	24417
45°	16560
50°	10132
55°	5238
60°	4868
65°	4618
70°	4296
75°	3813
80°	3788
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Luminance: 16560 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.8	7.9
10°-20°	64.5	20.5
20°-30°	80.7	25.7
30°-40°	72.1	22.9
40°-50°	42.2	13.4
50°-60°	14.6	4.6
60°-70°	8.8	2.8
70°-80°	4.9	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°	170.0	54.1
0°-40°	242.1	77.1
0°-60°	298.9	95.2
0°-90°	314.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	314.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	269	
5°	265	25
15°	231	64
25°	176	81
35°	116	72
45°	53	42
55°	14	15
65°	9	9
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	269.2
2.5°	267.8
5°	264.8
7.5°	258.9
10°	251.4
12.5°	242.2
15°	230.7
17.5°	218.4
20°	204.7
22.5°	190.6
25°	176.2
27.5°	161.7
30°	147.2
32.5°	131.7
35°	115.7
37.5°	100.1
40°	85.3
42.5°	69.4
45°	53.4
47.5°	40.8
50°	29.7
52.5°	19.3
55°	13.7
57.5°	12.2
60°	11.1
62.5°	10.0
65°	8.9
67.5°	7.8
70°	6.7
72.5°	5.6
75°	4.5
77.5°	3.7
80°	3.0
82.5°	1.9
85°	1.1
87.5°	0.7
90°	0.0

(END OF REPORT)