

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: P1284085

Luminaire Tested: P3AS09R65B2750DE010 E3DLD1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284085
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R65B2750DE010 E3DLD1GPH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 4000K CCT AND, 80CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

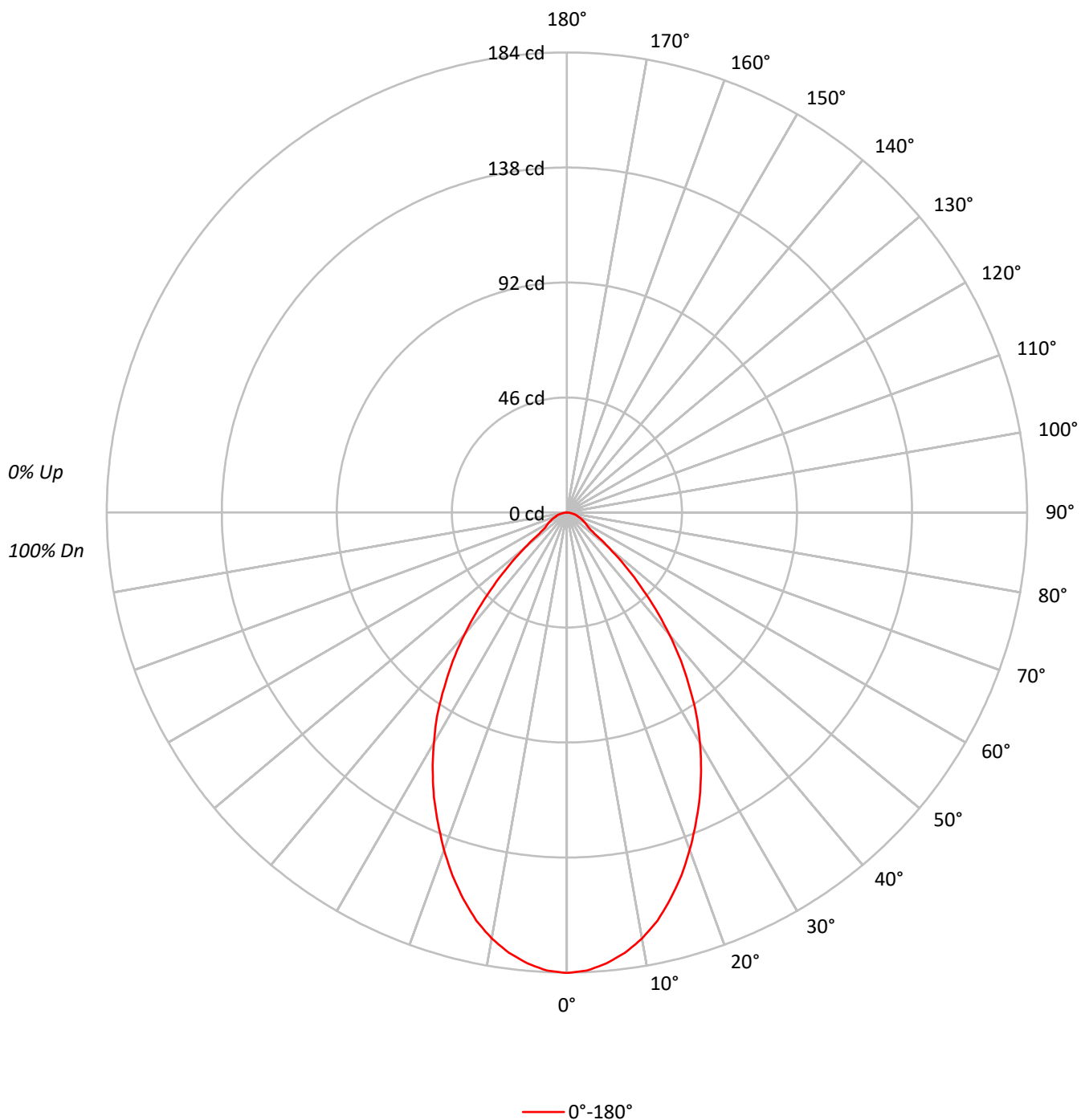
Lumens per Lamp: N/A
Luminaire Lumens: 227.0 lumens
Efficiency: N/A
Efficacy: 17.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 13.1
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		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	101		102	100	98		99	97	95		95	94	93		91			
2	105	99	94	90		103	97	93	89		94	90	87		91	88	85		88	86	84		82			
3	99	91	85	80		96	89	84	79		87	82	78		84	80	77		82	78	76		74			
4	92	83	77	72		90	82	76	71		80	75	70		78	73	70		76	72	69		67			
5	87	77	70	65		85	76	69	65		74	68	64		72	67	63		71	66	63		61			
6	82	71	64	59		80	70	64	59		69	63	58		67	62	58		66	61	58		56			
7	77	66	59	54		75	65	59	54		64	58	54		63	57	53		61	57	53		51			
8	72	61	55	50		71	61	54	50		60	54	49		59	53	49		58	53	49		47			
9	68	57	51	46		67	57	50	46		56	50	46		55	49	46		54	49	45		44			
10	65	54	47	43		64	53	47	43		52	47	43		52	46	42		51	46	42		41			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	40392
5°	39841
10°	38521
15°	36323
20°	33510
25°	30413
30°	26941
35°	22914
40°	18234
45°	12870
50°	7471
55°	4091
60°	3772
65°	3424
70°	3142
75°	2965
80°	2526
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12870 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.0	7.5
10°-20°	44.8	19.7
20°-30°	57.5	25.3
30°-40°	53.2	23.4
40°-50°	32.1	14.2
50°-60°	10.9	4.8
60°-70°	6.6	2.9
70°-80°	3.7	1.6
80°-90°	1.1	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°	119.3	52.6
0°-40°	172.5	76.0
0°-60°	215.6	95.0
0°-90°	227.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	227.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	184	
5°	181	17
15°	160	45
25°	126	58
35°	86	53
45°	42	32
55°	11	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	184.2
2.5°	183.4
5°	181.0
7.5°	177.6
10°	173.0
12.5°	167.2
15°	160.0
17.5°	152.2
20°	143.6
22.5°	134.6
25°	125.7
27.5°	116.2
30°	106.4
32.5°	96.6
35°	85.6
37.5°	75.0
40°	63.7
42.5°	52.5
45°	41.5
47.5°	31.4
50°	21.9
52.5°	13.8
55°	10.7
57.5°	9.5
60°	8.6
62.5°	7.5
65°	6.6
67.5°	5.8
70°	4.9
72.5°	4.3
75°	3.5
77.5°	2.9
80°	2.0
82.5°	1.4
85°	0.9
87.5°	0.6
90°	0.0

(END OF REPORT)