

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: P1305012

Luminaire Tested: P3DUS09R60B2750DE010 E3CBUS1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305012
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-93)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3DUS09R60B2750DE010 E3CBUS1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 5000K CCT AND, 80CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

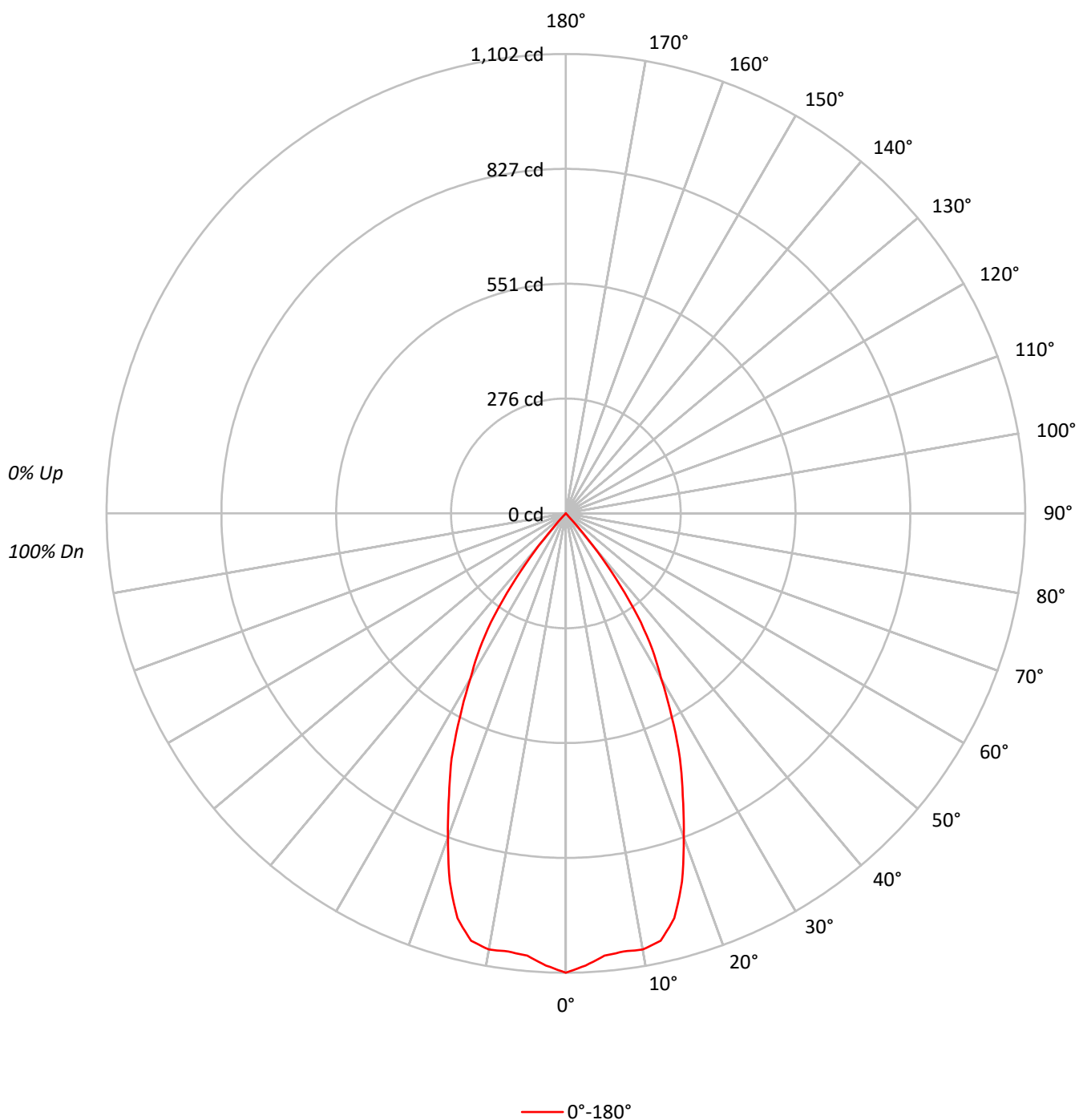
Lumens per Lamp: N/A
Luminaire Lumens: 858.0 lumens
Efficiency: N/A
Efficacy: 65.5 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.84
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			
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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94		
2	109	104	100	97	107	102	99	96	99	96	94	96	94	92	94	92	90	89		
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	87	85	83		
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78		
5	94	86	81	77	93	86	80	77	84	79	76	82	78	75	81	77	75	73		
6	90	82	76	72	89	81	76	72	79	75	71	78	74	71	77	73	70	69		
7	86	77	71	68	85	76	71	67	75	70	67	74	70	67	73	69	66	65		
8	82	73	67	63	81	72	67	63	71	67	63	70	66	63	69	66	63	61		
9	78	69	64	60	77	69	63	60	68	63	60	67	63	59	66	62	59	58		
10	75	66	60	57	74	65	60	56	64	60	56	64	59	56	63	59	56	55		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	241647
5°	234492
10°	236602
15°	228287
20°	193100
25°	156832
30°	115942
35°	80388
40°	28797
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 0 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.8	11.9
10°-20°	274.9	32.0
20°-30°	292.8	34.1
30°-40°	177.9	20.7
40°-50°	10.6	1.2
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	669.5	78.0
0°-40°	847.4	98.8
0°-60°	858.0	100.0
0°-90°	858.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	858.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1102	
5°	1065	102
15°	1006	275
25°	648	293
35°	300	178
45°	0	11
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1102.0
2.5°	1085.7
5°	1065.3
7.5°	1059.9
10°	1062.6
12.5°	1050.4
15°	1005.6
17.5°	926.7
20°	827.5
22.5°	732.4
25°	648.2
27.5°	550.3
30°	457.9
32.5°	385.9
35°	300.3
37.5°	195.7
40°	100.6
42.5°	8.2
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)