

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: P1305020

Luminaire Tested: P3DUS09R70B2750DE010 E3CBUS1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305020
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-95)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3DUS09R70B2750DE010 E3CBUS1MW_3500K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 3500K CCT AND, 80CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

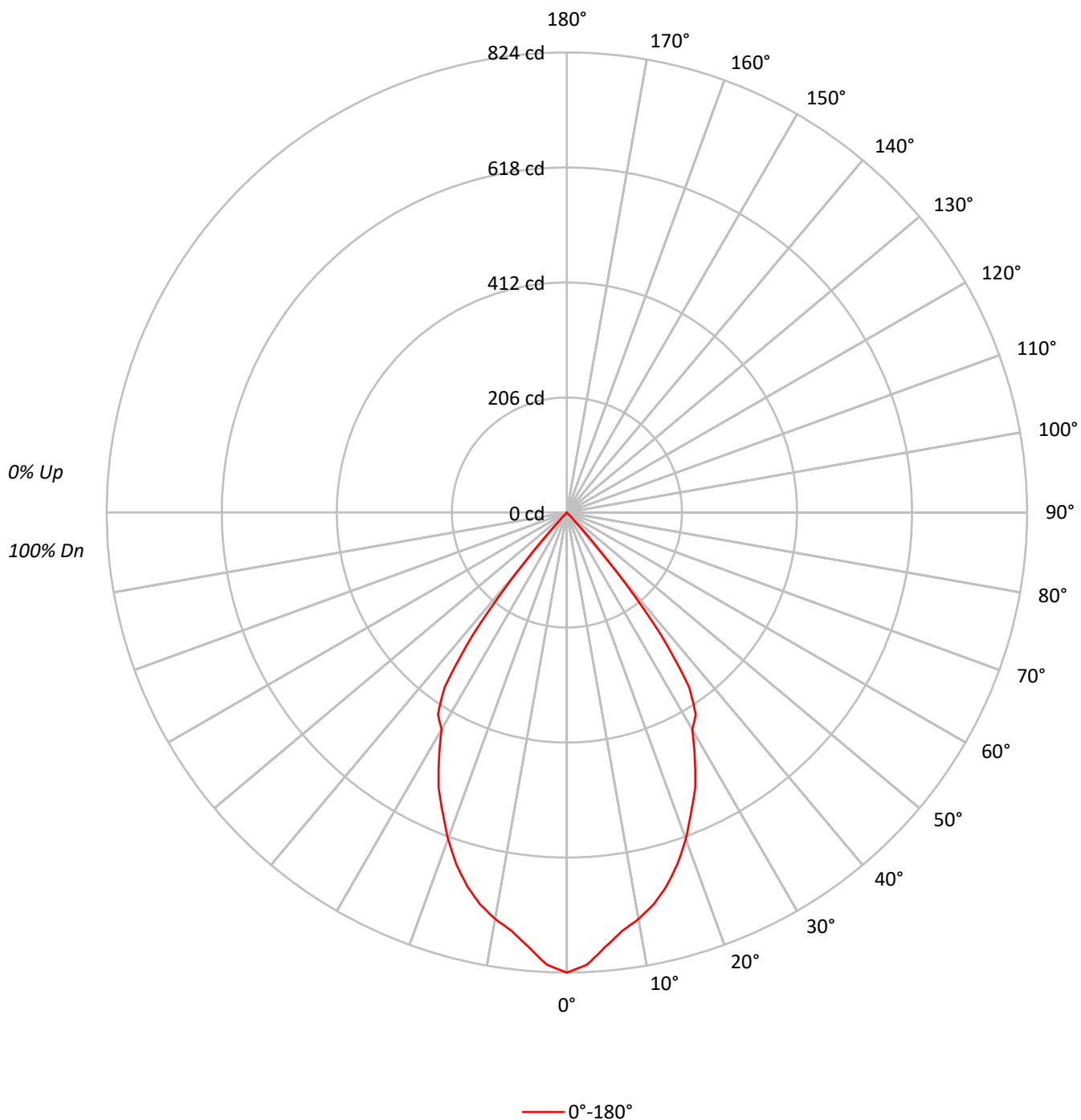
Lumens per Lamp: N/A
Luminaire Lumens: 743.0 lumens
Efficiency: N/A
Efficacy: 56.7 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.99
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	94		
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87		
3	103	96	91	88	101	95	90	87	92	89	85	90	87	84	88	85	83	81		
4	98	90	85	80	96	89	84	80	87	82	79	85	81	78	83	80	77	76		
5	93	84	79	74	91	83	78	74	82	77	73	80	76	73	78	75	72	71		
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66		
7	83	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	61		
8	79	70	64	60	78	69	64	60	68	63	59	67	62	59	66	62	59	57		
9	75	66	60	56	74	65	60	56	64	59	56	63	59	55	63	58	55	54		
10	72	62	56	52	71	62	56	52	61	56	52	60	55	52	59	55	52	51		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	180687
5°	172044
10°	164593
15°	157004
20°	145193
25°	131572
30°	113612
35°	102205
40°	39732
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°	73.3	9.9
10°-20°	193.2	26.0
20°-30°	247.2	33.3
30°-40°	213.4	28.7
40°-50°	15.9	2.1
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°	513.7	69.1
0°-40°	727.1	97.9
0°-60°	743.0	100.0
0°-90°	743.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	743.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	824	
5°	782	73
15°	692	193
25°	544	247
35°	382	213
45°	0	16
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	824.0
2.5°	811.2
5°	781.6
7.5°	755.9
10°	739.2
12.5°	718.6
15°	691.6
17.5°	659.5
20°	622.2
22.5°	581.1
25°	543.8
27.5°	496.2
30°	448.7
32.5°	429.4
35°	381.8
37.5°	277.7
40°	138.8
42.5°	18.0
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)