

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: P1304960

Luminaire Tested: P3DUS05R70B2750DE010 E3CBUS1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304960
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: P3DUS05R70B2750DE010 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

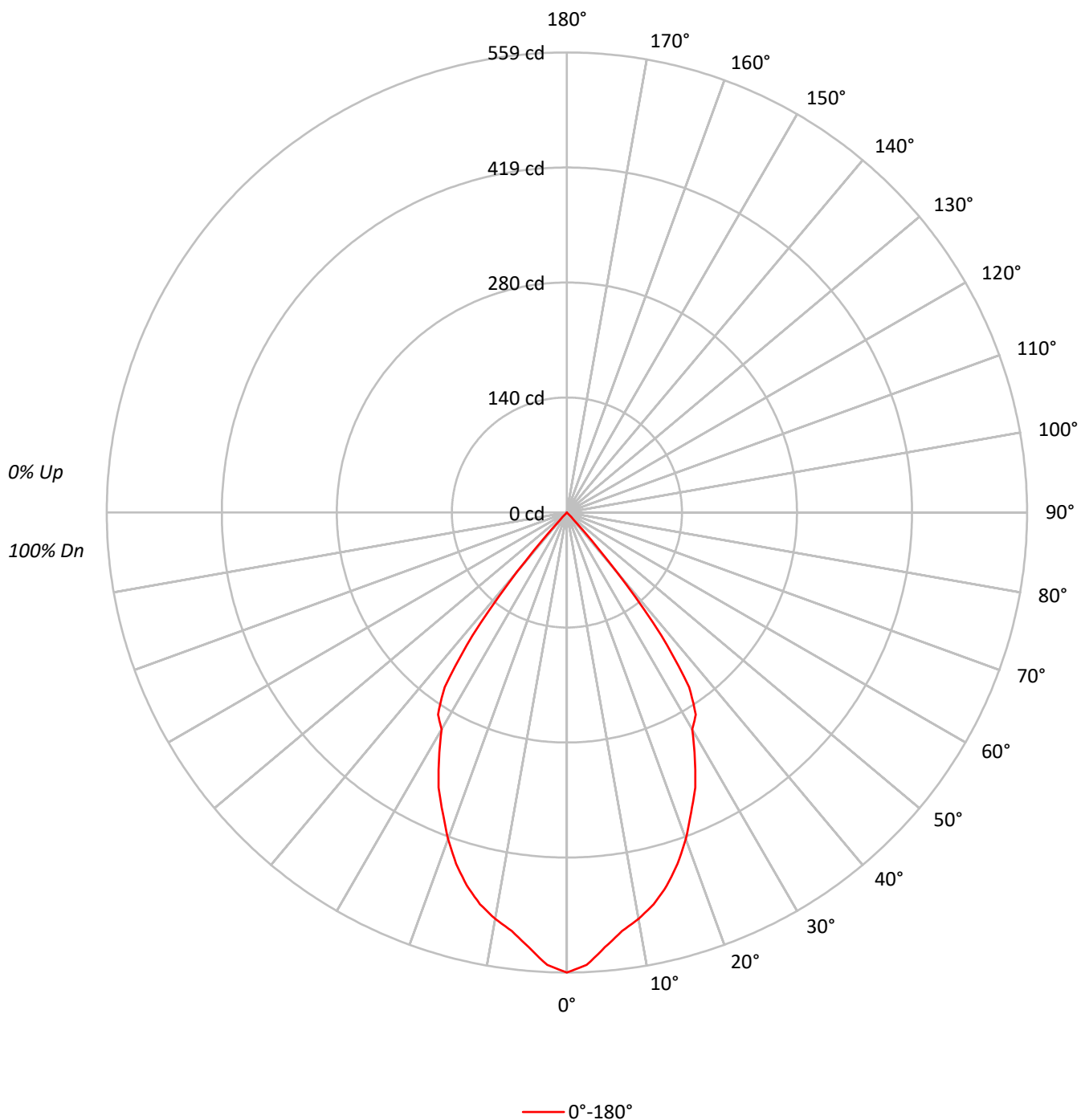
Lumens per Lamp: N/A
Luminaire Lumens: 504.0 lumens
Efficiency: N/A
Efficacy: 85.4 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.99
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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	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°	122578
5°	116707
10°	111643
15°	106516
20°	98499
25°	89255
30°	77050
35°	69332
40°	26965
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°	49.7	9.9
10°-20°	131.1	26.0
20°-30°	167.7	33.3
30°-40°	144.8	28.7
40°-50°	10.8	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°	348.5	69.1
0°-40°	493.3	97.9
0°-60°	504.0	100.0
0°-90°	504.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	504.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	559	
5°	530	50
15°	469	131
25°	369	168
35°	259	145
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°	559.0
2.5°	550.3
5°	530.2
7.5°	512.8
10°	501.4
12.5°	487.5
15°	469.2
17.5°	447.4
20°	422.1
22.5°	394.2
25°	368.9
27.5°	336.6
30°	304.3
32.5°	291.3
35°	259.0
37.5°	188.4
40°	94.2
42.5°	12.2
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)