

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: P1284255

Luminaire Tested: P3AS09R70B2750DE010 E3DLP1WMH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284255
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R70B2750DE010 E3DLP1WMH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 4000K CCT AND, 80CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

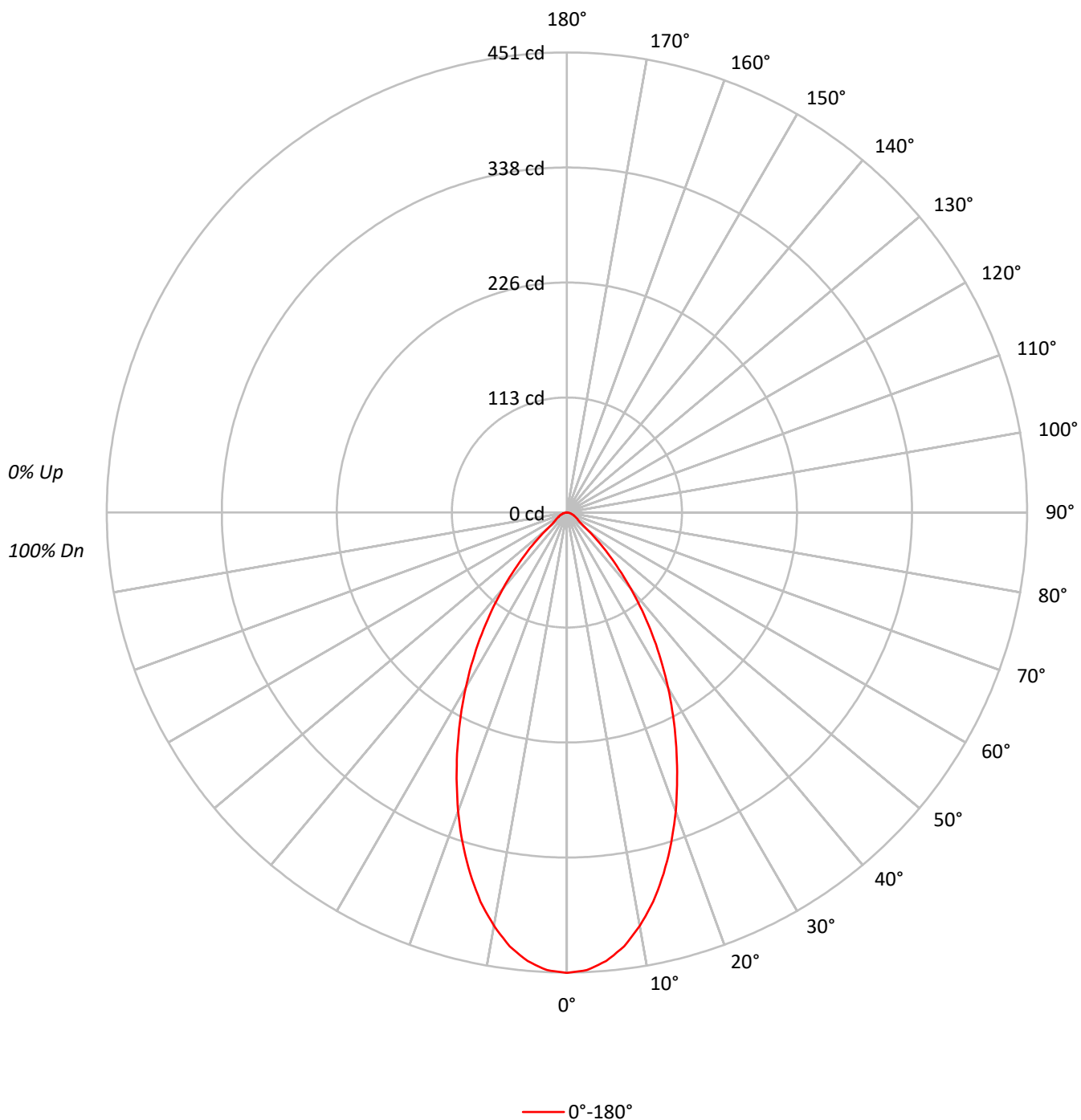
Lumens per Lamp: N/A
Luminaire Lumens: 422.0 lumens
Efficiency: N/A
Efficacy: 32.2 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1284255

CATALOG NUMBER: P3AS09R70B2750DE010 E3DLP1WMH_4000K

Luminous Intensity Polar Plot



TEST NUMBER: P1284255

CATALOG NUMBER: P3AS09R70B2750DE010 E3DLP1WMH_4000K

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	98983
5°	97160
10°	91626
15°	83156
20°	72736
25°	61358
30°	50236
35°	38976
40°	27881
45°	17645
50°	8801
55°	5390
60°	4649
65°	4255
70°	3783
75°	3474
80°	2904
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17645 cd/sqm

TEST NUMBER: P1284255

CATALOG NUMBER: P3AS09R70B2750DE010 E3DLP1WMH_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.2	9.8
10°-20°	101.9	24.2
20°-30°	116.1	27.5
30°-40°	90.8	21.5
40°-50°	44.6	10.6
50°-60°	13.7	3.2
60°-70°	8.1	1.9
70°-80°	4.3	1.0
80°-90°	1.3	0.3
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°	259.2	61.4
0°-40°	349.9	82.9
0°-60°	408.2	96.7
0°-90°	422.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	422.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	451	
5°	441	41
15°	366	102
25°	254	116
35°	146	91
45°	57	45
55°	14	14
65°	8	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1284255

CATALOG NUMBER: P3AS09R70B2750DE010 E3DLP1WMH_4000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	451.4
2.5°	449.1
5°	441.4
7.5°	429.1
10°	411.5
12.5°	390.9
15°	366.3
17.5°	339.9
20°	311.7
22.5°	282.3
25°	253.6
27.5°	225.4
30°	198.4
32.5°	171.4
35°	145.6
37.5°	120.9
40°	97.4
42.5°	75.7
45°	56.9
47.5°	39.9
50°	25.8
52.5°	17.0
55°	14.1
57.5°	12.3
60°	10.6
62.5°	9.4
65°	8.2
67.5°	7.0
70°	5.9
72.5°	4.7
75°	4.1
77.5°	3.5
80°	2.3
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)