

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: P1282498

Luminaire Tested: P3AS05R70B2750DE010 E3DL1WMH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282498
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R70B2750DE010 E3DL1WMH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

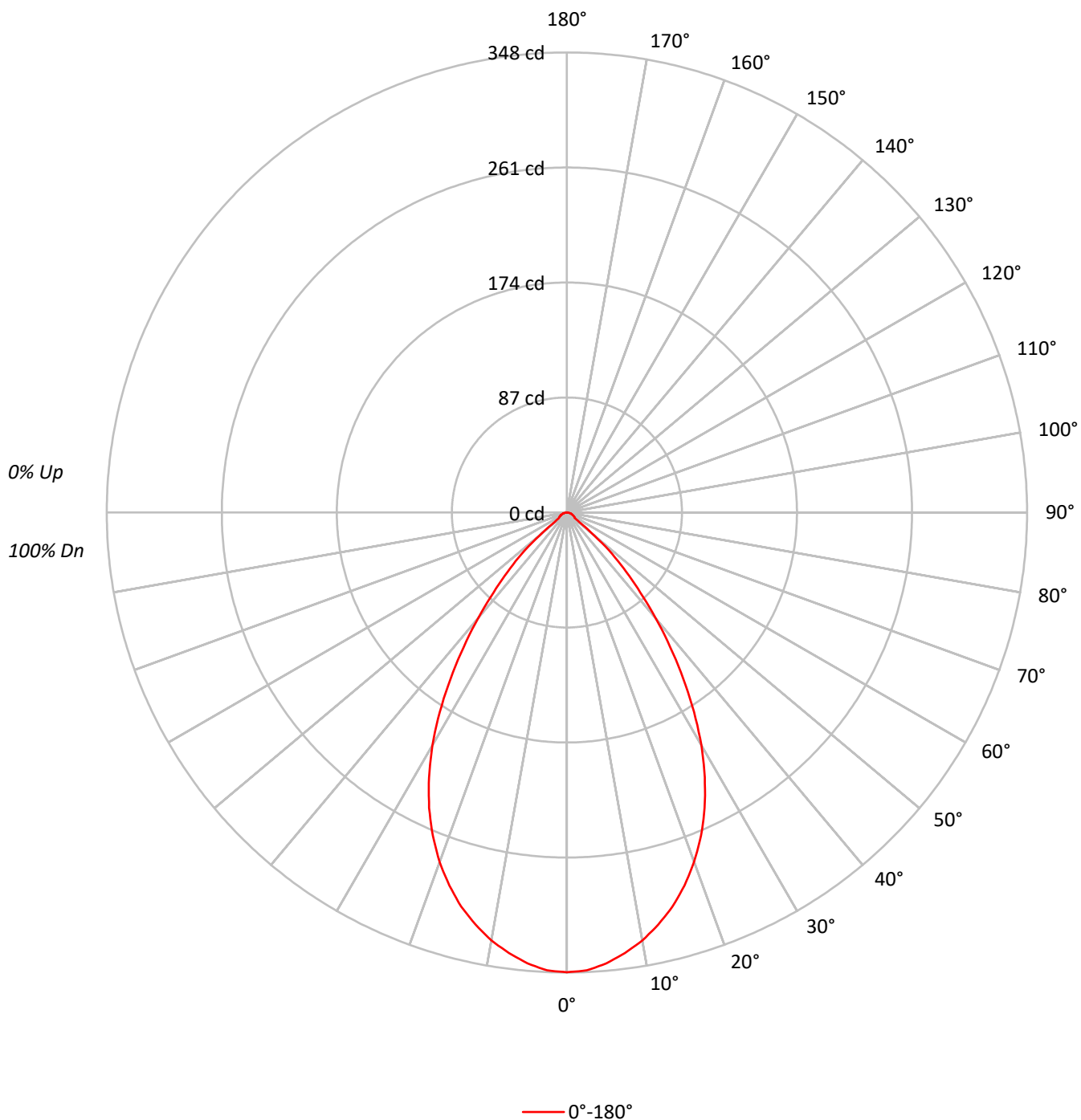
Lumens per Lamp: N/A
Luminaire Lumens: 394.0 lumens
Efficiency: N/A
Efficacy: 66.8 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1282498

CATALOG NUMBER: P3AS05R70B2750DE010 E3DL1WMH_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1282498

CATALOG NUMBER: P3AS05R70B2750DE010 E3DL1WMH_3000K

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	96	93	104	99	95	92	96	92	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	76266
5°	75369
10°	73189
15°	70080
20°	65642
25°	59641
30°	51527
35°	41064
40°	29913
45°	19661
50°	9211
55°	2829
60°	2763
65°	2646
70°	2500
75°	2626
80°	2526
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19661 cd/sqm

TEST NUMBER: P1282498

CATALOG NUMBER: P3AS05R70B2750DE010 E3DL1WMH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.2	8.2
10°-20°	86.4	21.9
20°-30°	112.3	28.5
30°-40°	95.3	24.2
40°-50°	49.1	12.5
50°-60°	9.4	2.4
60°-70°	5.1	1.3
70°-80°	3.1	0.8
80°-90°	0.9	0.2
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°	230.9	58.6
0°-40°	326.2	82.8
0°-60°	384.8	97.7
0°-90°	394.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	394.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	348	
5°	342	32
15°	309	86
25°	246	112
35°	153	95
45°	63	49
55°	7	9
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1282498

CATALOG NUMBER: P3AS05R70B2750DE010 E3DL1WMH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	347.8
2.5°	346.7
5°	342.4
7.5°	336.1
10°	328.7
12.5°	319.3
15°	308.7
17.5°	295.8
20°	281.3
22.5°	264.9
25°	246.5
27.5°	225.8
30°	203.5
32.5°	178.8
35°	153.4
37.5°	128.3
40°	104.5
42.5°	82.2
45°	63.4
47.5°	46.6
50°	27.0
52.5°	11.7
55°	7.4
57.5°	7.0
60°	6.3
62.5°	5.9
65°	5.1
67.5°	4.7
70°	3.9
72.5°	3.5
75°	3.1
77.5°	2.3
80°	2.0
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)