

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: P1283122

Luminaire Tested: P3AS09R30B2750DE010 E3DLP1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283122
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R30B2750DE010 E3DLP1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

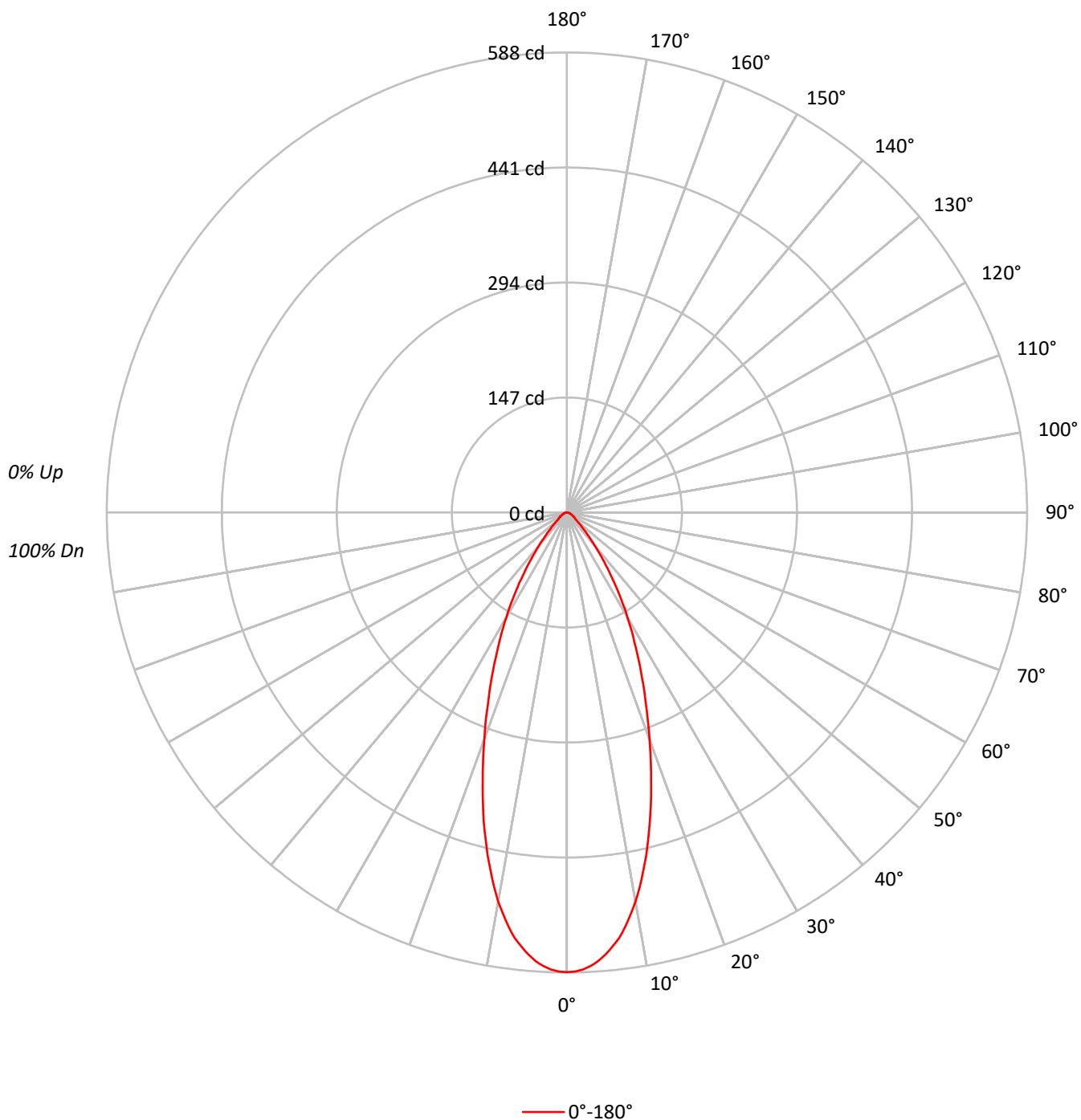
Lumens per Lamp: N/A
Luminaire Lumens: 377.0 lumens
Efficiency: N/A
Efficacy: 28.8 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1283122

CATALOG NUMBER: P3AS09R30B2750DE010 E3DLP1MW_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1283122

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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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97	96	95	93
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92	90	88	86
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87	84	82	80
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82	79	76	74
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78	74	71	70
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74	70	67	65
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70	66	63	61
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67	62	59	58
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63	59	56	55
10	73	63	58	54	72	63	57	54	62	57	53		61	57	53		60	56	53	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	128827
5°	124807
10°	112467
15°	93031
20°	72036
25°	54027
30°	39221
35°	26127
40°	16059
45°	9427
50°	5799
55°	4702
60°	4122
65°	3321
70°	3013
75°	2965
80°	2273
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9427 cd/sqm

TEST NUMBER: P1283122

CATALOG NUMBER: P3AS09R30B2750DE010 E3DLP1MW_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.2	13.8
10°-20°	112.9	29.9
20°-30°	102.7	27.2
30°-40°	62.1	16.5
40°-50°	24.9	6.6
50°-60°	11.0	2.9
60°-70°	6.6	1.8
70°-80°	3.6	1.0
80°-90°	1.1	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°	267.7	71.0
0°-40°	329.8	87.5
0°-60°	365.7	97.0
0°-90°	377.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	377.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	588	
5°	567	52
15°	410	113
25°	223	103
35°	98	62
45°	30	25
55°	12	11
65°	6	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	587.5
1°	586.9
2°	584.6
3°	580.5
4°	574.6
5°	567.0
6°	557.7
7°	547.8
8°	534.9
9°	520.3
10°	505.1
11°	487.5
12°	468.8
13°	450.1
14°	429.7
15°	409.8
17.5°	357.8
20°	308.7
22.5°	263.1
25°	223.3
27.5°	187.1
30°	154.9
32.5°	125.1
35°	97.6
37.5°	74.8
40°	56.1
42.5°	40.9
45°	30.4
47.5°	22.8
50°	17.0
52.5°	13.4
55°	12.3
57.5°	10.5
60°	9.4
62.5°	7.6
65°	6.4
67.5°	5.8
70°	4.7
72.5°	4.1
75°	3.5
77.5°	2.9
80°	1.8
82.5°	1.2
85°	1.2
87.5°	0.6



TEST NUMBER: P1283122

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)