

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: P1283273

Luminaire Tested: P3AS09R35B2750DE010 E3DLP1WMH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283273
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R35B2750DE010 E3DLP1WMH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

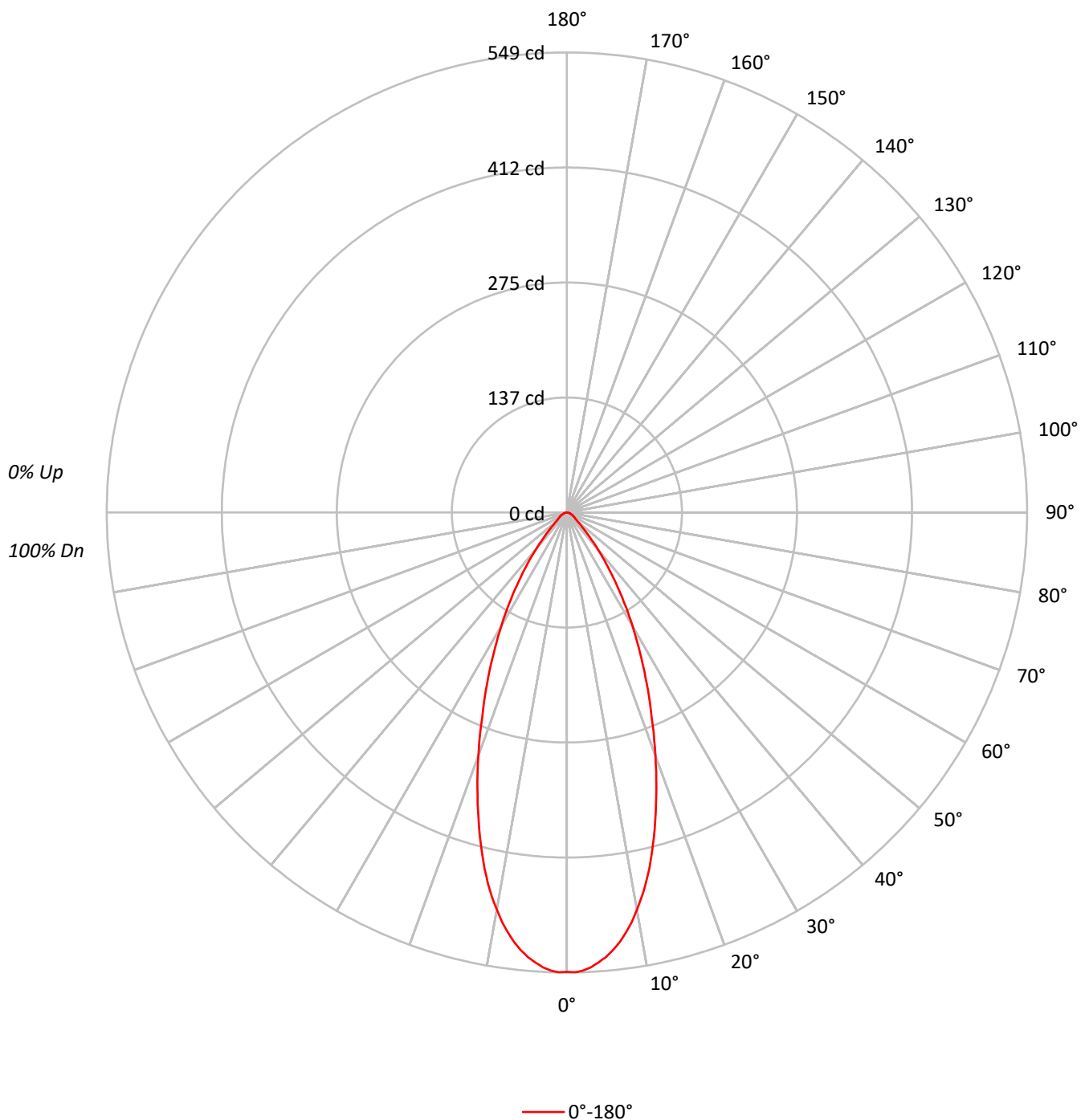
Lumens per Lamp: N/A
Luminaire Lumens: 374.1 lumens
Efficiency: N/A
Efficacy: 28.6 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	80	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	120210
5°	117257
10°	107190
15°	90988
20°	72036
25°	54487
30°	39652
35°	26823
40°	16488
45°	9458
50°	5697
55°	4626
60°	4035
65°	3580
70°	2949
75°	2965
80°	2904
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9458 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.2	13.2
10°-20°	110.5	29.5
20°-30°	103.4	27.6
30°-40°	63.3	16.9
40°-50°	24.9	6.7
50°-60°	11.0	2.9
60°-70°	6.8	1.8
70°-80°	3.7	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°	263.1	70.3
0°-40°	326.4	87.2
0°-60°	362.3	96.9
0°-90°	374.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	374.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	548	
5°	533	49
15°	401	110
25°	225	103
35°	100	63
45°	30	25
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	548.2
1°	548.8
2°	547.1
3°	543.6
4°	538.4
5°	532.7
6°	525.2
7°	516.5
8°	506.2
9°	494.7
10°	481.4
11°	467.6
12°	452.6
13°	436.5
14°	418.7
15°	400.8
17.5°	354.7
20°	308.7
22.5°	264.3
25°	225.2
27.5°	188.9
30°	156.6
32.5°	126.7
35°	100.2
37.5°	76.6
40°	57.6
42.5°	41.5
45°	30.5
47.5°	21.9
50°	16.7
52.5°	13.8
55°	12.1
57.5°	10.4
60°	9.2
62.5°	8.1
65°	6.9
67.5°	5.8
70°	4.6
72.5°	4.0
75°	3.5
77.5°	2.9
80°	2.3
82.5°	1.7
85°	1.2
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)