

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: P1292229

Luminaire Tested: P3A09R25W2N902750DE010 E3DL1WH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292229
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R25W2N902750DE010 E3DL1WH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

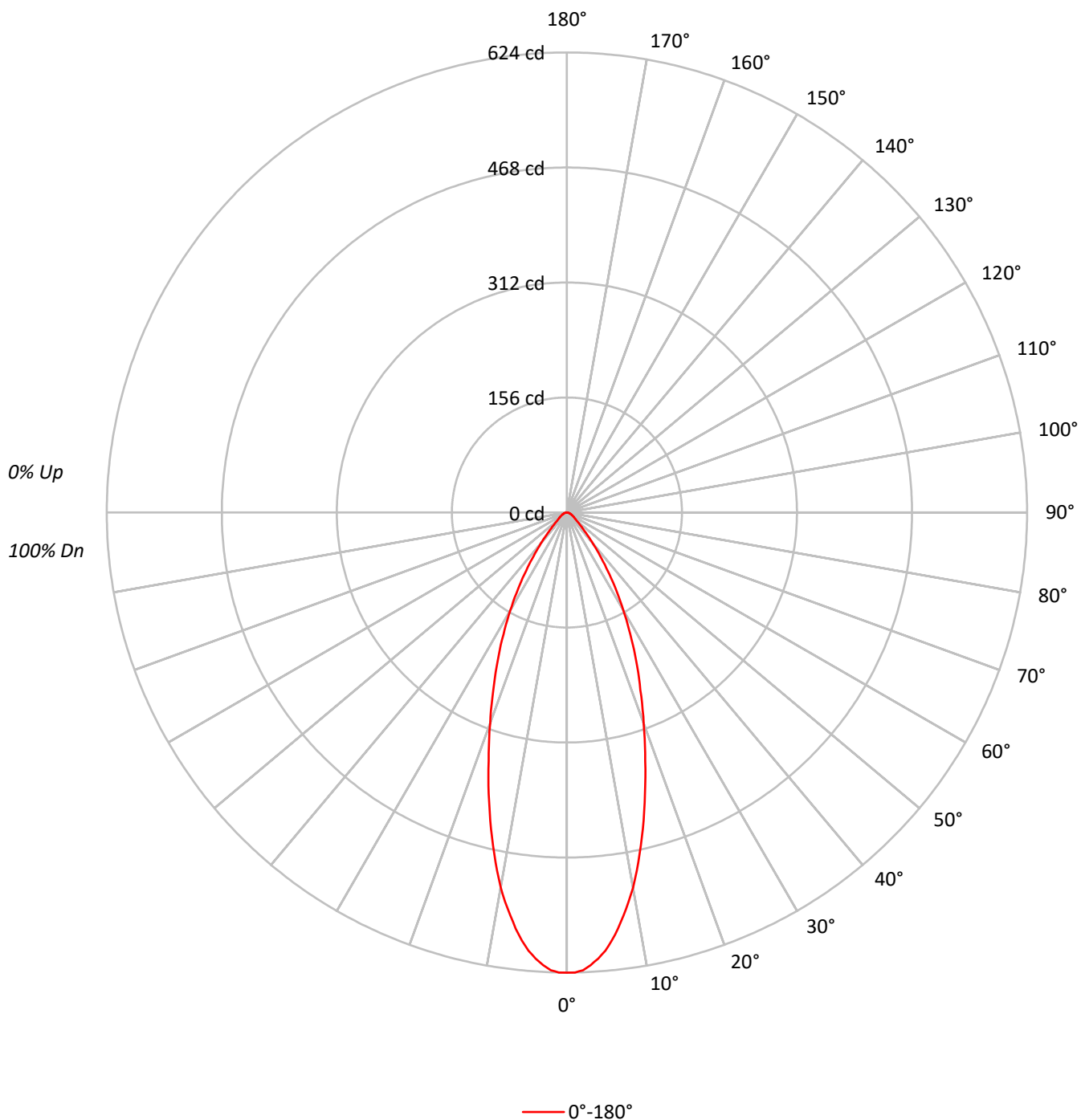
Lumens per Lamp: N/A
Luminaire Lumens: 377.0 lumens
Efficiency: N/A
Efficacy: 41.9 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1292229

CATALOG NUMBER: P3A09R25W2N902750DE010 E3DL1WH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1292229

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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	101		100	99	98		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	86	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	75
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78	74	71	70
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74	70	67	66
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70	66	63	62
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67	63	60	58
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64	59	56	55
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61	57	54	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	136875
5°	131323
10°	115028
15°	92464
20°	71056
25°	53761
30°	38841
35°	25806
40°	15658
45°	9117
50°	5799
55°	4702
60°	4122
65°	3684
70°	3013
75°	2965
80°	2273
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9117 cd/sqm

TEST NUMBER: P1292229

CATALOG NUMBER: P3A09R25W2N902750DE010 E3DL1WH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.3	14.4
10°-20°	112.6	29.9
20°-30°	101.9	27.0
30°-40°	61.2	16.2
40°-50°	24.3	6.4
50°-60°	11.2	3.0
60°-70°	6.8	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°	268.8	71.3
0°-40°	330.0	87.5
0°-60°	365.5	96.9
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°	624	
5°	597	54
15°	407	113
25°	222	102
35°	96	61
45°	29	24
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1292229

CATALOG NUMBER: P3A09R25W2N902750DE010 E3DL1WH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	624.2
1°	624.2
2°	621.2
3°	614.8
4°	606.6
5°	596.6
6°	583.6
7°	568.9
8°	551.9
9°	534.8
10°	516.6
11°	495.5
12°	473.7
13°	452.0
14°	430.2
15°	407.3
17.5°	353.2
20°	304.5
22.5°	260.4
25°	222.2
27.5°	186.3
30°	153.4
32.5°	123.4
35°	96.4
37.5°	73.5
40°	54.7
42.5°	40.0
45°	29.4
47.5°	22.3
50°	17.0
52.5°	14.1
55°	12.3
57.5°	10.6
60°	9.4
62.5°	7.6
65°	7.1
67.5°	5.9
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: P1292229

CATALOG NUMBER: P3A09R25W2N902750DE010 E3DL1WH_5000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)