

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: P1292950

Luminaire Tested: P3A09R35W2N902750DE010 E3DLP1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292950
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: P3A09R35W2N902750DE010 E3DLP1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

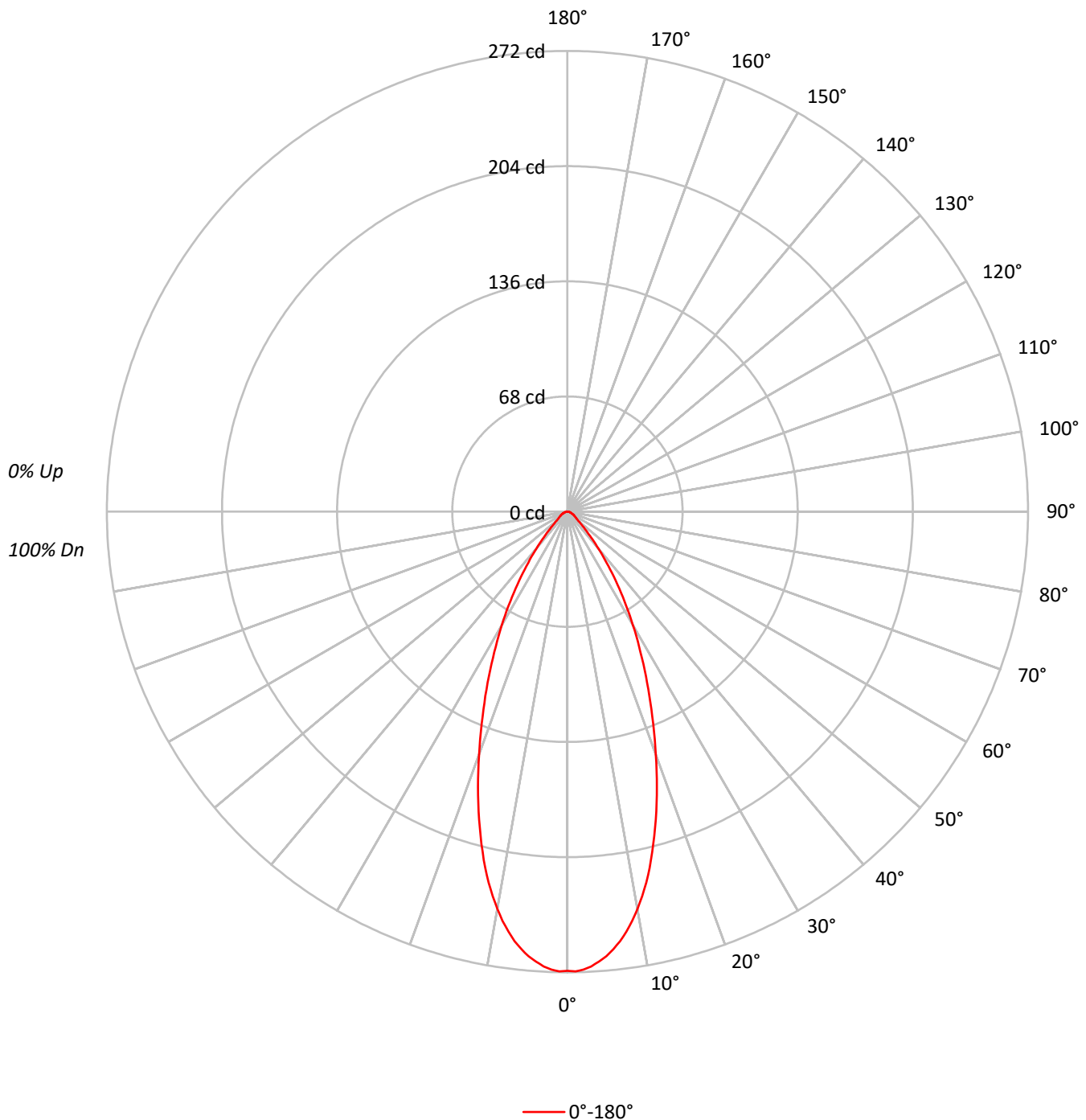
Lumens per Lamp: N/A
Luminaire Lumens: 185.0 lumens
Efficiency: N/A
Efficacy: 20.6 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1292950

CATALOG NUMBER: P3A09R35W2N902750DE010 E3DLP1GPH_3000K

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	30	10	50	30	10
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	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86		
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80		
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74		
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69		
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65		
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61		
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57		
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	55	54		
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	59469
5°	58001
10°	53016
15°	45017
20°	35633
25°	26953
30°	19623
35°	13278
40°	8158
45°	4683
50°	2831
55°	2294
60°	2017
65°	1764
70°	1475
75°	1440
80°	1389
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4683 cd/sqm

TEST NUMBER: P1292950

CATALOG NUMBER: P3A09R35W2N902750DE010 E3DLP1GPH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.3	13.2
10°-20°	54.7	29.5
20°-30°	51.1	27.6
30°-40°	31.3	16.9
40°-50°	12.3	6.7
50°-60°	5.4	2.9
60°-70°	3.4	1.8
70°-80°	1.8	1.0
80°-90°	0.6	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°	130.1	70.3
0°-40°	161.4	87.3
0°-60°	179.2	96.9
0°-90°	185.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	185.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	271	
5°	264	24
15°	198	55
25°	111	51
35°	50	31
45°	15	12
55°	6	5
65°	3	3
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	271.2
1°	271.5
2°	270.6
3°	268.9
4°	266.3
5°	263.5
6°	259.8
7°	255.5
8°	250.4
9°	244.7
10°	238.1
11°	231.3
12°	223.9
13°	215.9
14°	207.1
15°	198.3
17.5°	175.5
20°	152.7
22.5°	130.7
25°	111.4
27.5°	93.4
30°	77.5
32.5°	62.7
35°	49.6
37.5°	37.9
40°	28.5
42.5°	20.5
45°	15.1
47.5°	10.8
50°	8.3
52.5°	6.8
55°	6.0
57.5°	5.1
60°	4.6
62.5°	4.0
65°	3.4
67.5°	2.8
70°	2.3
72.5°	2.0
75°	1.7
77.5°	1.4
80°	1.1
82.5°	0.9
85°	0.6
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)