

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: P1293112

Luminaire Tested: P3A09R35W2N902765DE010 E3DLP1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1293112
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: P3A09R35W2N902765DE010 E3DLP1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

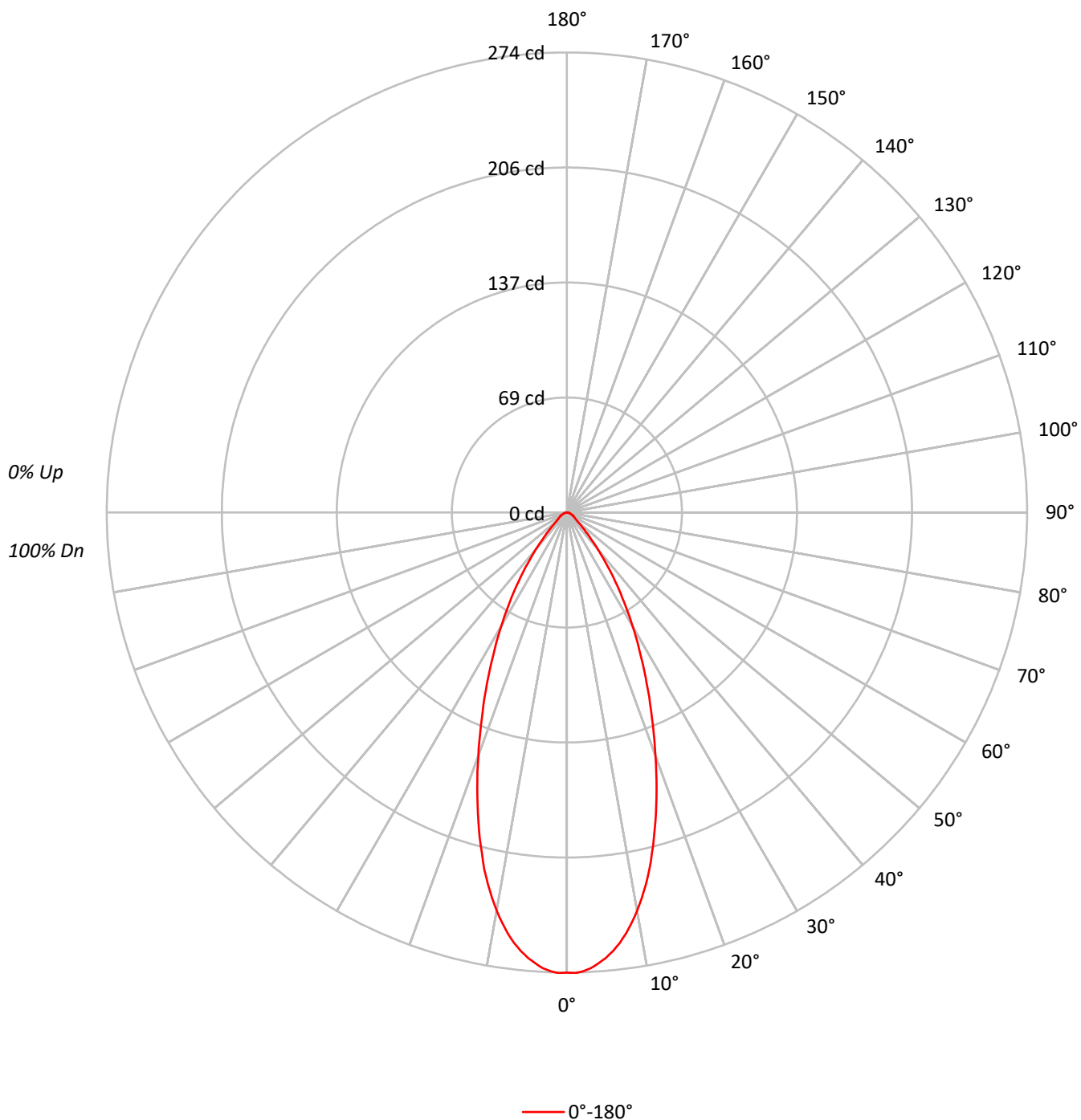
Lumens per Lamp: N/A
Luminaire Lumens: 187.0 lumens
Efficiency: N/A
Efficacy: 20.8 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1293112

CATALOG NUMBER: P3A09R35W2N902765DE010 E3DLP1GPH_5000K

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			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	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	56	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°	60105
5°	58618
10°	53595
15°	45494
20°	36006
25°	27244
30°	19826
35°	13411
40°	8244
45°	4745
50°	2831
55°	2294
60°	2017
65°	1816
70°	1475
75°	1440
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4745 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.6	13.2
10°-20°	55.2	29.5
20°-30°	51.7	27.6
30°-40°	31.6	16.9
40°-50°	12.5	6.7
50°-60°	5.5	2.9
60°-70°	3.4	1.8
70°-80°	1.8	1.0
80°-90°	0.7	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°	131.5	70.3
0°-40°	163.2	87.3
0°-60°	181.1	96.9
0°-90°	187.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	187.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	274	
5°	266	25
15°	200	55
25°	113	52
35°	50	32
45°	15	12
55°	6	5
65°	4	3
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	274.1
1°	274.4
2°	273.5
3°	271.8
4°	269.2
5°	266.3
6°	262.6
7°	258.3
8°	253.1
9°	247.3
10°	240.7
11°	233.8
12°	226.3
13°	218.3
14°	209.3
15°	200.4
17.5°	177.4
20°	154.3
22.5°	132.2
25°	112.6
27.5°	94.4
30°	78.3
32.5°	63.3
35°	50.1
37.5°	38.3
40°	28.8
42.5°	20.7
45°	15.3
47.5°	10.9
50°	8.3
52.5°	6.9
55°	6.0
57.5°	5.2
60°	4.6
62.5°	4.0
65°	3.5
67.5°	2.9
70°	2.3
72.5°	2.0
75°	1.7
77.5°	1.4
80°	1.2
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)