

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: P1289094

Luminaire Tested: P3A05R35W2N902750DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289094
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R35W2N902750DE010 E3DL1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

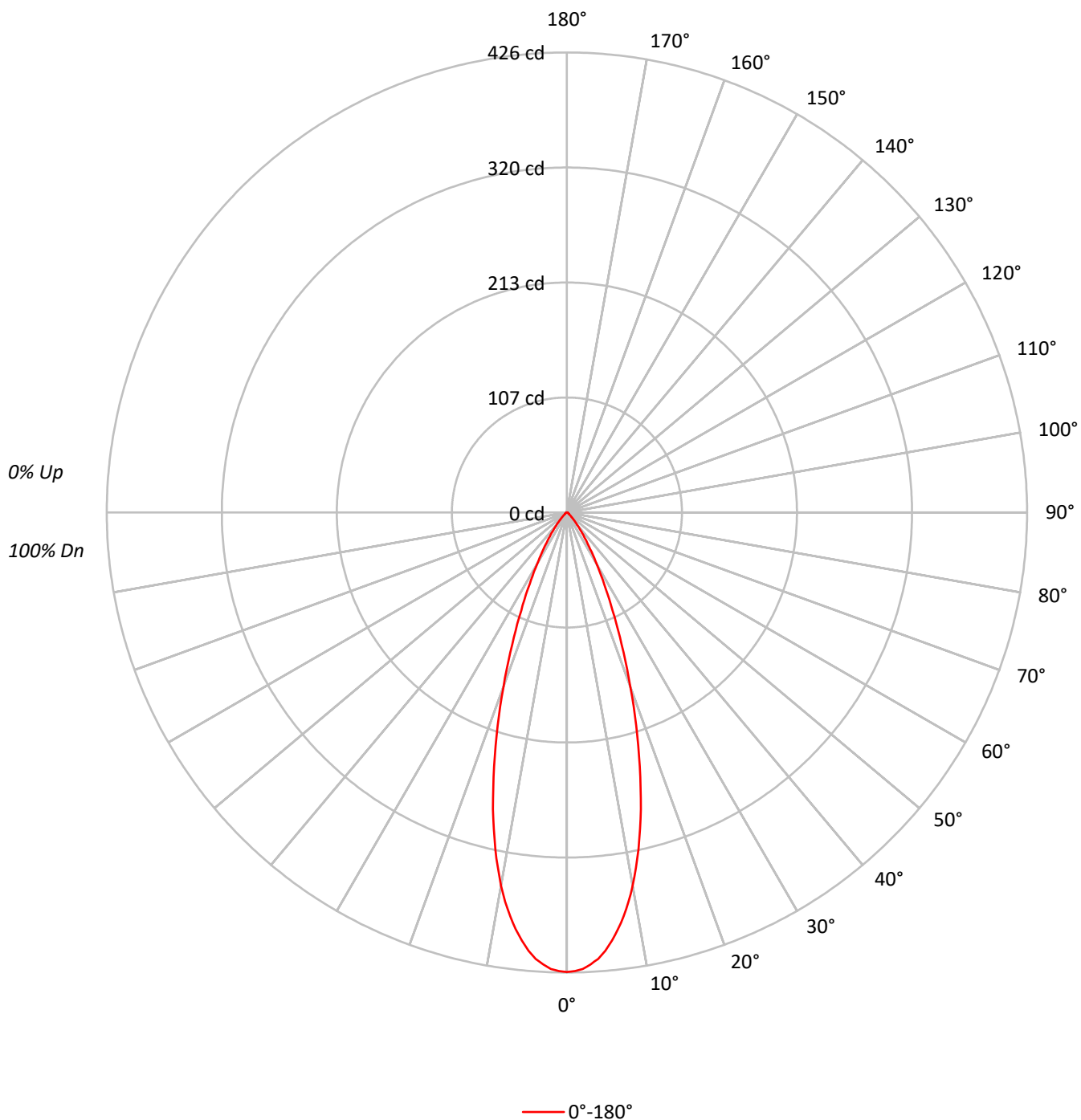
Lumens per Lamp: N/A
Luminaire Lumens: 185.0 lumens
Efficiency: N/A
Efficacy: 31.4 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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

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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	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	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95		
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	89		
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	90	88	86	85		
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80		
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76		
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73		
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70		
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	66		
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	67	65	64		
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	93304
5°	89676
10°	78133
15°	59841
20°	40043
25°	24219
30°	13901
35°	7763
40°	4122
45°	2140
50°	1023
55°	803
60°	789
65°	623
70°	705
75°	593
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2140 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.1	20.0
10°-20°	71.8	38.8
20°-30°	47.0	25.4
30°-40°	19.1	10.3
40°-50°	5.7	3.1
50°-60°	1.9	1.0
60°-70°	1.3	0.7
70°-80°	0.8	0.4
80°-90°	0.3	0.2
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°	155.9	84.3
0°-40°	175.0	94.6
0°-60°	182.7	98.7
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°	426	
5°	407	37
15°	264	72
25°	100	47
35°	29	19
45°	7	6
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	425.5
1°	424.8
2°	422.9
3°	419.0
4°	414.4
5°	407.4
6°	398.6
7°	388.7
8°	377.6
9°	365.0
10°	350.9
11°	335.2
12°	318.9
13°	300.6
14°	283.1
15°	263.6
17.5°	216.3
20°	171.6
22.5°	132.0
25°	100.1
27.5°	74.6
30°	54.9
32.5°	40.3
35°	29.0
37.5°	20.6
40°	14.4
42.5°	10.0
45°	6.9
47.5°	4.6
50°	3.0
52.5°	2.3
55°	2.1
57.5°	1.9
60°	1.8
62.5°	1.6
65°	1.2
67.5°	1.1
70°	1.1
72.5°	0.9
75°	0.7
77.5°	0.5
80°	0.5
82.5°	0.4
85°	0.2
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)