

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: P1289164

Luminaire Tested: P3A05R35W2N902750DE010 E3DLP1LI_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289164
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: P3A05R35W2N902750DE010 E3DLP1LI_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

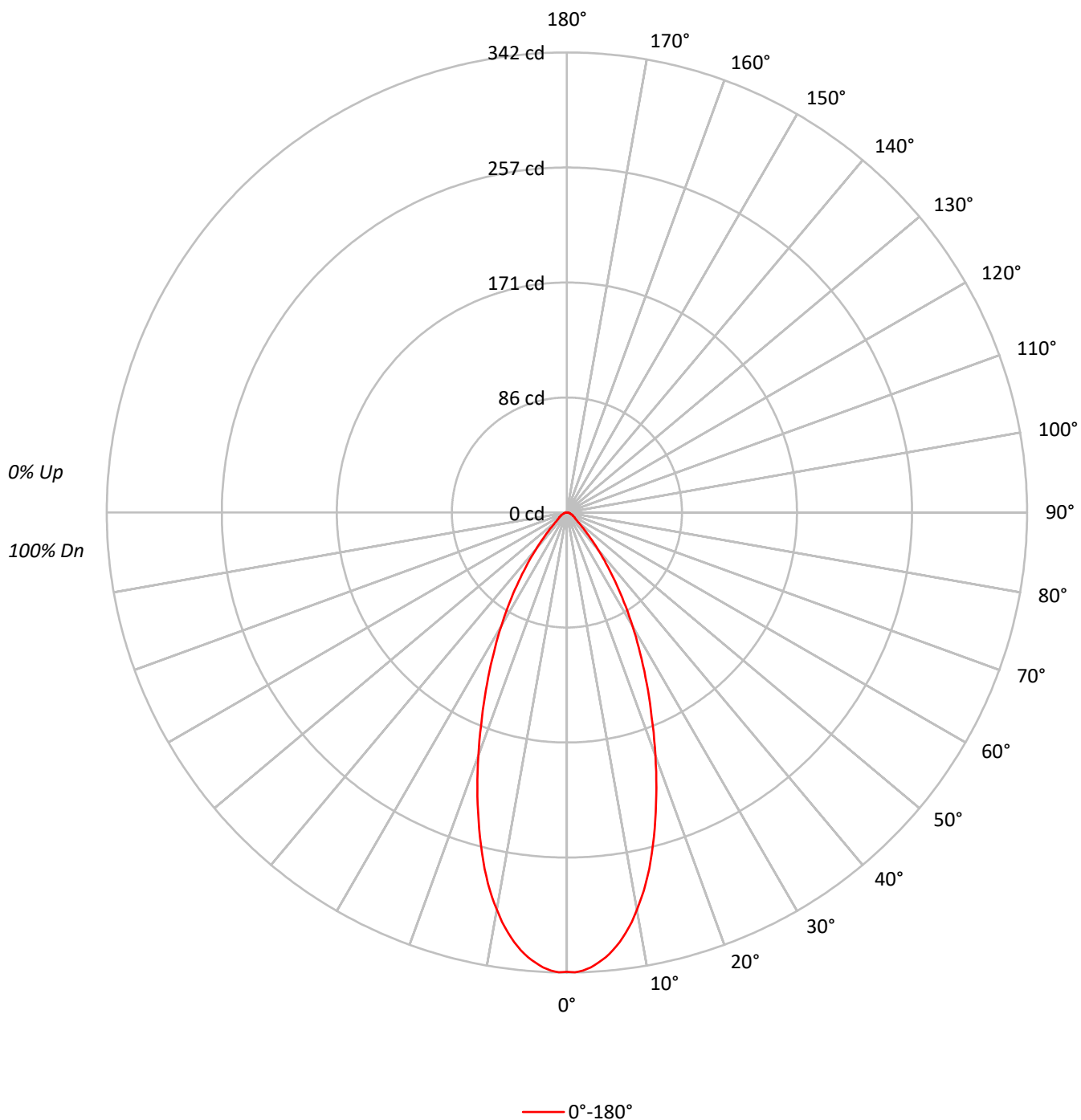
Lumens per Lamp: N/A
Luminaire Lumens: 233.0 lumens
Efficiency: N/A
Efficacy: 39.5 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1289164

CATALOG NUMBER: P3A05R35W2N902750DE010 E3DLP1LI_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1289164

CATALOG NUMBER: P3A05R35W2N902750DE010 E3DLP1LI_2700K

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°	74884
5°	73057
10°	66777
15°	56686
20°	44874
25°	33946
30°	24713
35°	16704
40°	10276
45°	5892
50°	3548
55°	2867
60°	2500
65°	2231
70°	1859
75°	1864
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5892 cd/sqm

TEST NUMBER: P1289164

CATALOG NUMBER: P3A05R35W2N902750DE010 E3DLP1LI_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.7	13.2
10°-20°	68.8	29.5
20°-30°	64.4	27.6
30°-40°	39.4	16.9
40°-50°	15.5	6.7
50°-60°	6.8	2.9
60°-70°	4.3	1.8
70°-80°	2.3	1.0
80°-90°	0.8	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°	163.9	70.3
0°-40°	203.3	87.3
0°-60°	225.7	96.9
0°-90°	233.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	233.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	342	
5°	332	31
15°	250	69
25°	140	64
35°	62	39
45°	19	16
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1289164

CATALOG NUMBER: P3A05R35W2N902750DE010 E3DLP1LI_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	341.5
1°	341.9
2°	340.8
3°	338.7
4°	335.4
5°	331.9
6°	327.2
7°	321.8
8°	315.3
9°	308.2
10°	299.9
11°	291.3
12°	282.0
13°	271.9
14°	260.8
15°	249.7
17.5°	221.0
20°	192.3
22.5°	164.7
25°	140.3
27.5°	117.7
30°	97.6
32.5°	78.9
35°	62.4
37.5°	47.7
40°	35.9
42.5°	25.8
45°	19.0
47.5°	13.6
50°	10.4
52.5°	8.6
55°	7.5
57.5°	6.5
60°	5.7
62.5°	5.0
65°	4.3
67.5°	3.6
70°	2.9
72.5°	2.5
75°	2.2
77.5°	1.8
80°	1.4
82.5°	1.1
85°	0.7
87.5°	0.4



TEST NUMBER: P1289164

CATALOG NUMBER: P3A05R35W2N902750DE010 E3DLP1LI_2700K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)