

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: P1296714

Luminaire Tested: P3A13R35W2N902750DE010 E3DLD1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296714
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R35W2N902750DE010 E3DLD1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

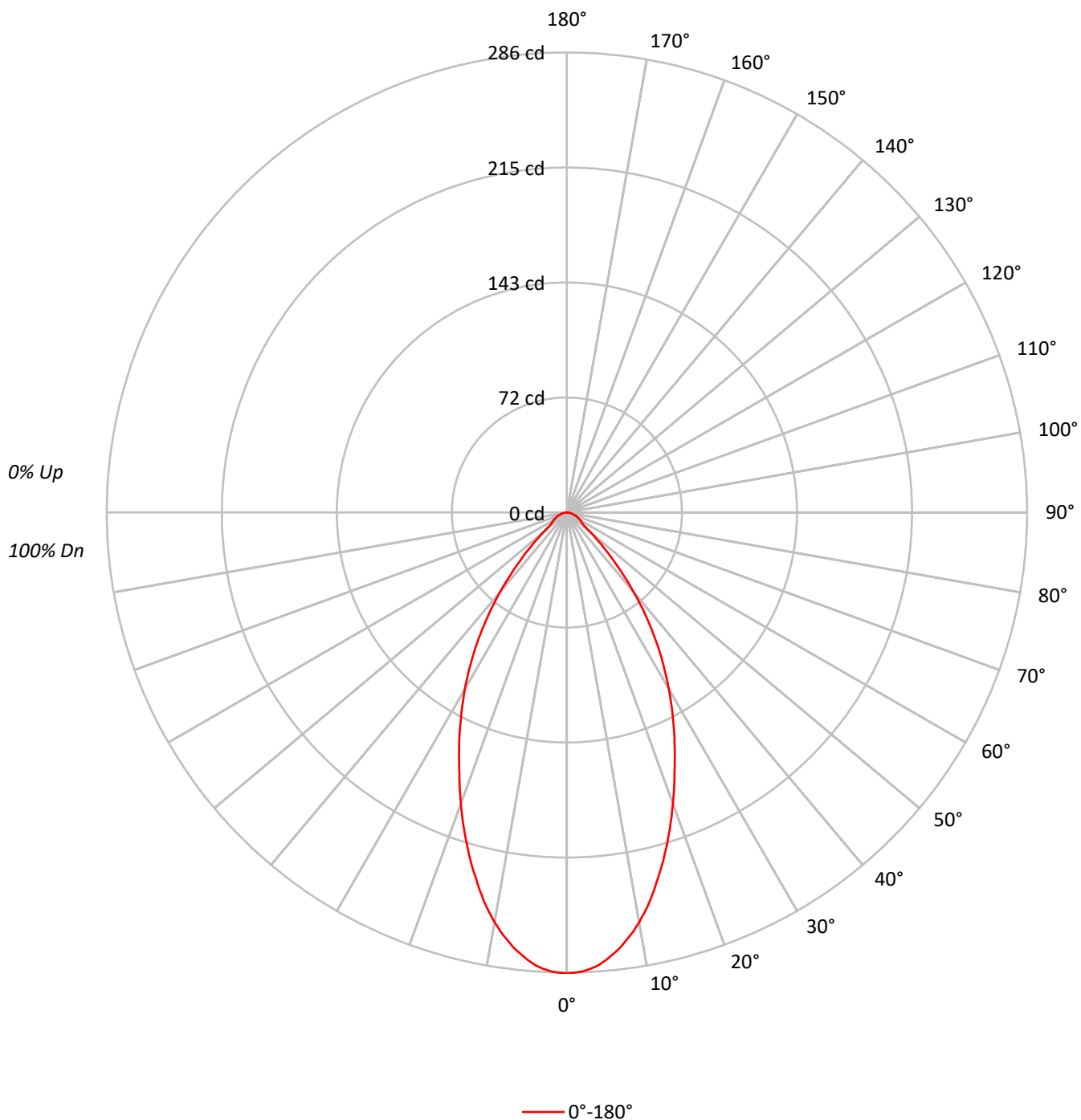
Lumens per Lamp: N/A
Luminaire Lumens: 275.1 lumens
Efficiency: N/A
Efficacy: 22.4 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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: P1296714

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLD1GPH_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1296714

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLD1GPH_2700K

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	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69		
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59		
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55		
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51		
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48		
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	44		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	62824
5°	61479
10°	57581
15°	51692
20°	44967
25°	38325
30°	32106
35°	25565
40°	18492
45°	11691
50°	6379
55°	4435
60°	4166
65°	3891
70°	3719
75°	3135
80°	3031
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 11691 cd/sqm

TEST NUMBER: P1296714

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLD1GPH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.0	9.4
10°-20°	63.4	23.0
20°-30°	72.6	26.4
30°-40°	59.3	21.5
40°-50°	29.9	10.9
50°-60°	11.1	4.0
60°-70°	7.5	2.7
70°-80°	4.1	1.5
80°-90°	1.3	0.5
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°	162.0	58.9
0°-40°	221.2	80.4
0°-60°	262.2	95.3
0°-90°	275.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	275.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	286	
5°	279	26
15°	228	63
25°	158	73
35°	96	59
45°	38	30
55°	12	11
65°	8	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1296714

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLD1GPH_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	286.5
1°	286.1
2°	285.5
3°	284.1
4°	282.1
5°	279.3
6°	275.9
7°	272.5
8°	268.1
9°	263.7
10°	258.6
11°	253.2
12°	247.4
13°	240.9
14°	234.1
15°	227.7
17.5°	210.4
20°	192.7
22.5°	174.7
25°	158.4
27.5°	142.4
30°	126.8
32.5°	111.1
35°	95.5
37.5°	79.9
40°	64.6
42.5°	50.3
45°	37.7
47.5°	27.2
50°	18.7
52.5°	13.6
55°	11.6
57.5°	10.5
60°	9.5
62.5°	8.5
65°	7.5
67.5°	6.5
70°	5.8
72.5°	4.8
75°	3.7
77.5°	3.1
80°	2.4
82.5°	1.7
85°	1.0
87.5°	0.7



TEST NUMBER: P1296714

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLD1GPH_2700K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)