

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: P1300479

Luminaire Tested: P3A17R35W2N902750DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300479
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: P3A17R35W2N902750DE010 E3DL1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

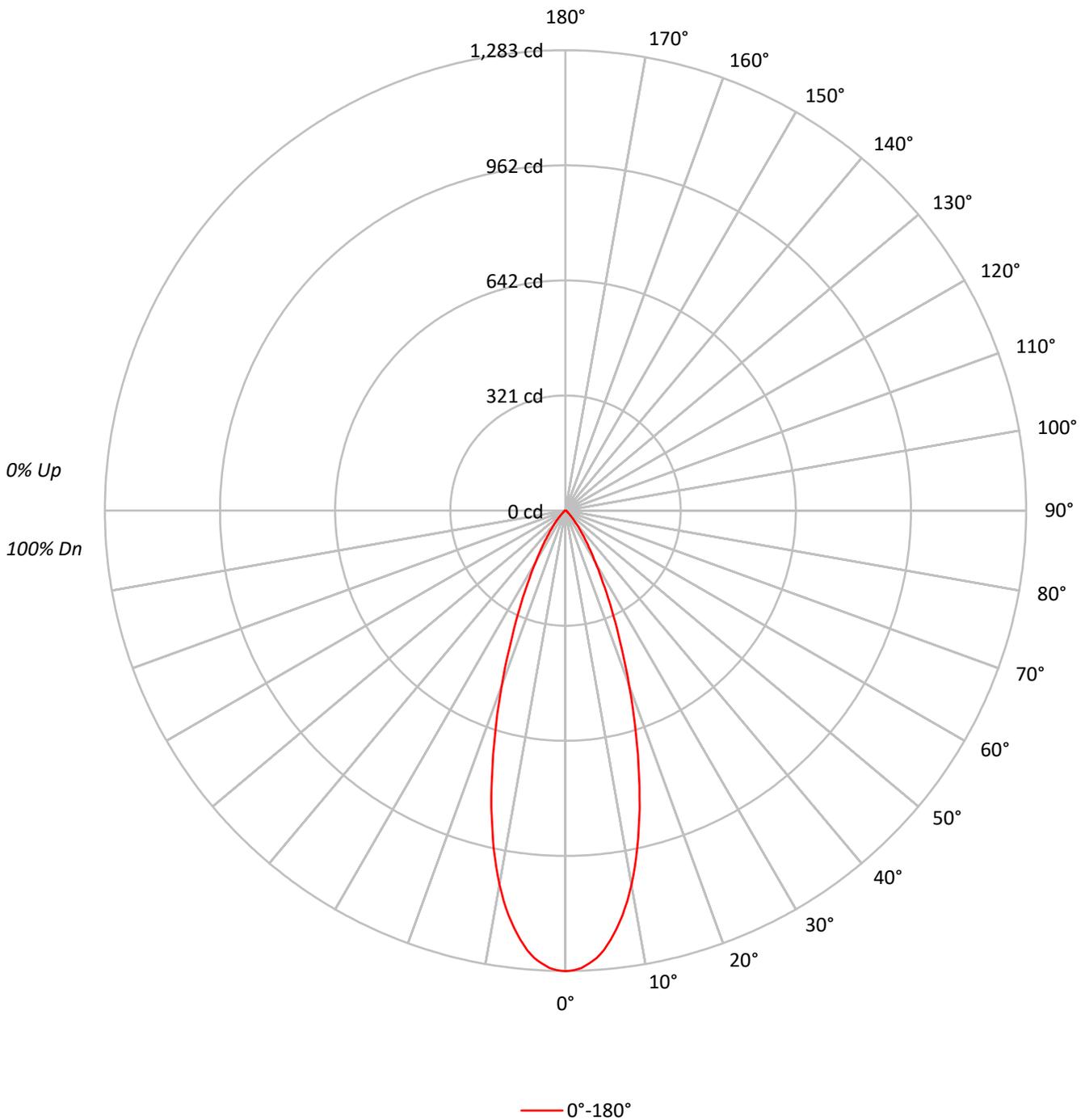
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 558.0 lumens
Efficiency: N/A
Efficacy: 28.8 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): 19.4
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: P1300479
CATALOG NUMBER: P3A17R35W2N902750DE010 E3DL1GPH_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1300479

CATALOG NUMBER: P3A17R35W2N902750DE010 E3DL1GPH_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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	96	96	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	91	91	91	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	86	86	86	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	82	82	82	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	78	78	78	76
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	74	74	74	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	71	71	71	70
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	68	68	68	66
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	65	65	65	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	62	62	62	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	281425
5°	270481
10°	235667
15°	180500
20°	120760
25°	73069
30°	41931
35°	23450
40°	12452
45°	6419
50°	3070
55°	2447
60°	2324
65°	1920
70°	2052
75°	1779
80°	2020
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6419 cd/sqm



TEST NUMBER: P1300479

CATALOG NUMBER: P3A17R35W2N902750DE010 E3DL1GPH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.8	20.0
10°-20°	216.6	38.8
20°-30°	141.8	25.4
30°-40°	57.5	10.3
40°-50°	17.3	3.1
50°-60°	5.9	1.1
60°-70°	3.9	0.7
70°-80°	2.3	0.4
80°-90°	0.8	0.1
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°	470.3	84.3
0°-40°	527.8	94.6
0°-60°	551.0	98.7
0°-90°	558.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	558.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1283	
5°	1229	112
15°	795	217
25°	302	142
35°	88	58
45°	21	17
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	



TEST NUMBER: P1300479
CATALOG NUMBER: P3A17R35W2N902750DE010 E3DL1GPH_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1283.4
1°	1281.3
2°	1275.5
3°	1263.8
4°	1250.0
5°	1228.8
6°	1202.2
7°	1172.5
8°	1139.1
9°	1100.8
10°	1058.4
11°	1011.1
12°	961.8
13°	906.6
14°	854.0
15°	795.1
17.5°	652.3
20°	517.5
22.5°	398.1
25°	302.0
27.5°	225.1
30°	165.6
32.5°	121.5
35°	87.6
37.5°	62.1
40°	43.5
42.5°	30.3
45°	20.7
47.5°	13.8
50°	9.0
52.5°	6.9
55°	6.4
57.5°	5.8
60°	5.3
62.5°	4.8
65°	3.7
67.5°	3.2
70°	3.2
72.5°	2.7
75°	2.1
77.5°	1.6
80°	1.6
82.5°	1.1
85°	0.5
87.5°	0.5



TEST NUMBER: P1300479
CATALOG NUMBER: P3A17R35W2N902750DE010 E3DL1GPH_2700K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)