

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: P1299181

Luminaire Tested: P3A17R15W2N902750DE010 E3DL1WH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299181
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R15W2N902750DE010 E3DL1WH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,
E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

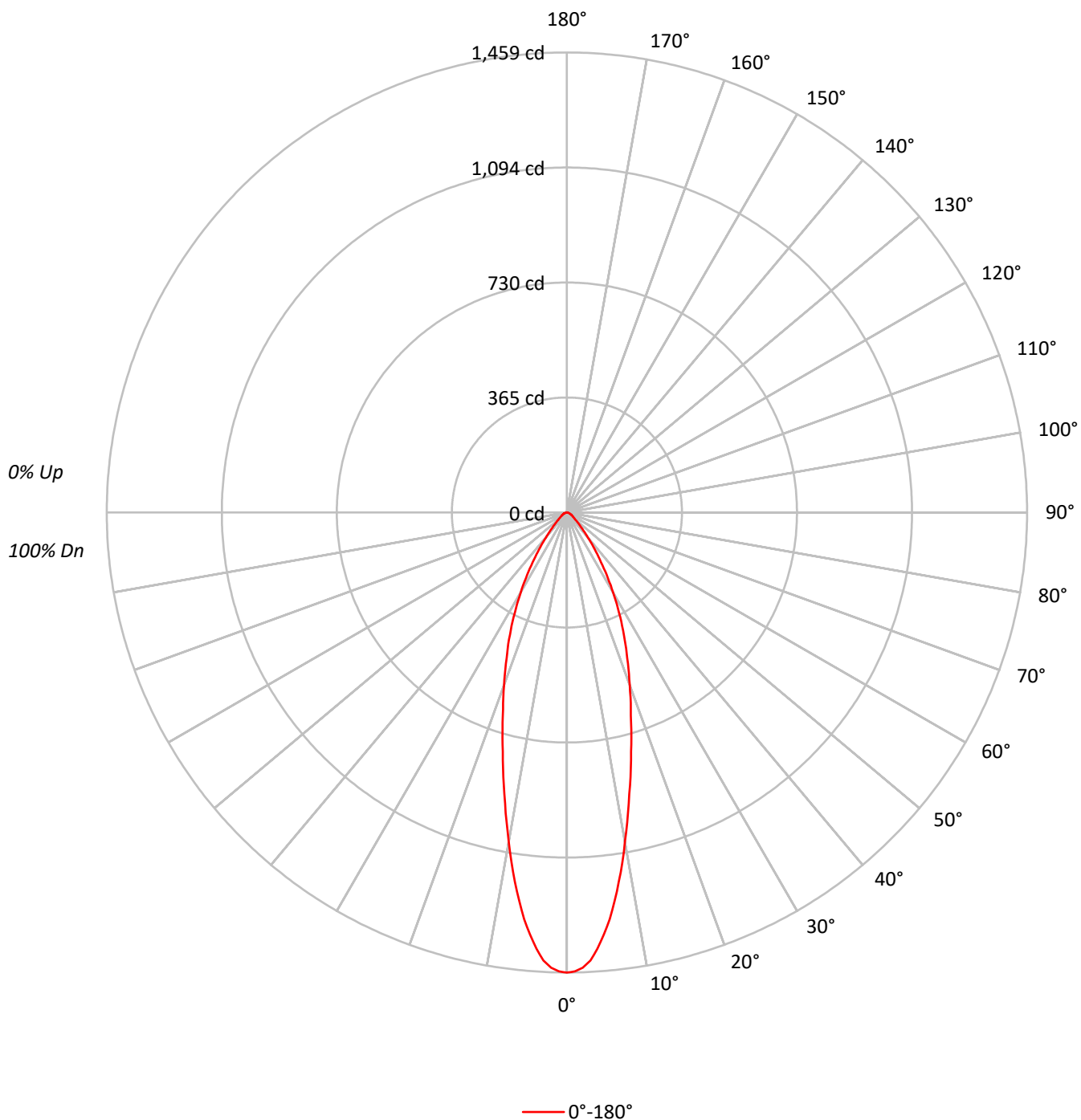
Lumens per Lamp: N/A
Luminaire Lumens: 742.0 lumens
Efficiency: N/A
Efficacy: 38.2 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1299181

CATALOG NUMBER: P3A17R15W2N902750DE010 E3DL1WH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1299181

CATALOG NUMBER: P3A17R15W2N902750DE010 E3DL1WH_5000K

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	319974
5°	295729
10°	236090
15°	178344
20°	135812
25°	103482
30°	74138
35°	48372
40°	29656
45°	17924
50°	11906
55°	9214
60°	7938
65°	6901
70°	6155
75°	6100
80°	4546
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17924 cd/sqm

TEST NUMBER: P1299181

CATALOG NUMBER: P3A17R15W2N902750DE010 E3DL1WH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.0	16.0
10°-20°	219.6	29.6
20°-30°	195.5	26.3
30°-40°	115.7	15.6
40°-50°	47.4	6.4
50°-60°	22.3	3.0
60°-70°	13.6	1.8
70°-80°	7.1	1.0
80°-90°	1.8	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°	534.1	72.0
0°-40°	649.7	87.6
0°-60°	719.5	97.0
0°-90°	742.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	742.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1459	
5°	1344	119
15°	786	220
25°	428	195
35°	181	116
45°	58	47
55°	24	22
65°	13	14
75°	7	7
85°	1	2
90°	0	



TEST NUMBER: P1299181

CATALOG NUMBER: P3A17R15W2N902750DE010 E3DL1WH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1459.2
1°	1455.6
2°	1444.7
3°	1423.0
4°	1386.9
5°	1343.5
6°	1296.5
7°	1241.1
8°	1183.2
9°	1124.2
10°	1060.3
12.5°	914.5
15°	785.6
17.5°	674.8
20°	582.0
22.5°	500.0
25°	427.7
27.5°	357.9
30°	292.8
32.5°	233.8
35°	180.7
37.5°	138.6
40°	103.6
42.5°	77.1
45°	57.8
47.5°	44.6
50°	34.9
52.5°	28.9
55°	24.1
57.5°	20.5
60°	18.1
62.5°	15.7
65°	13.3
67.5°	12.0
70°	9.6
72.5°	8.4
75°	7.2
77.5°	4.8
80°	3.6
82.5°	2.4
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)