

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: P1299259

Luminaire Tested: P3A17R15W2N902750DE010 E3PHLP1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299259
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R15W2N902750DE010 E3PHLP1MW_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3500K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

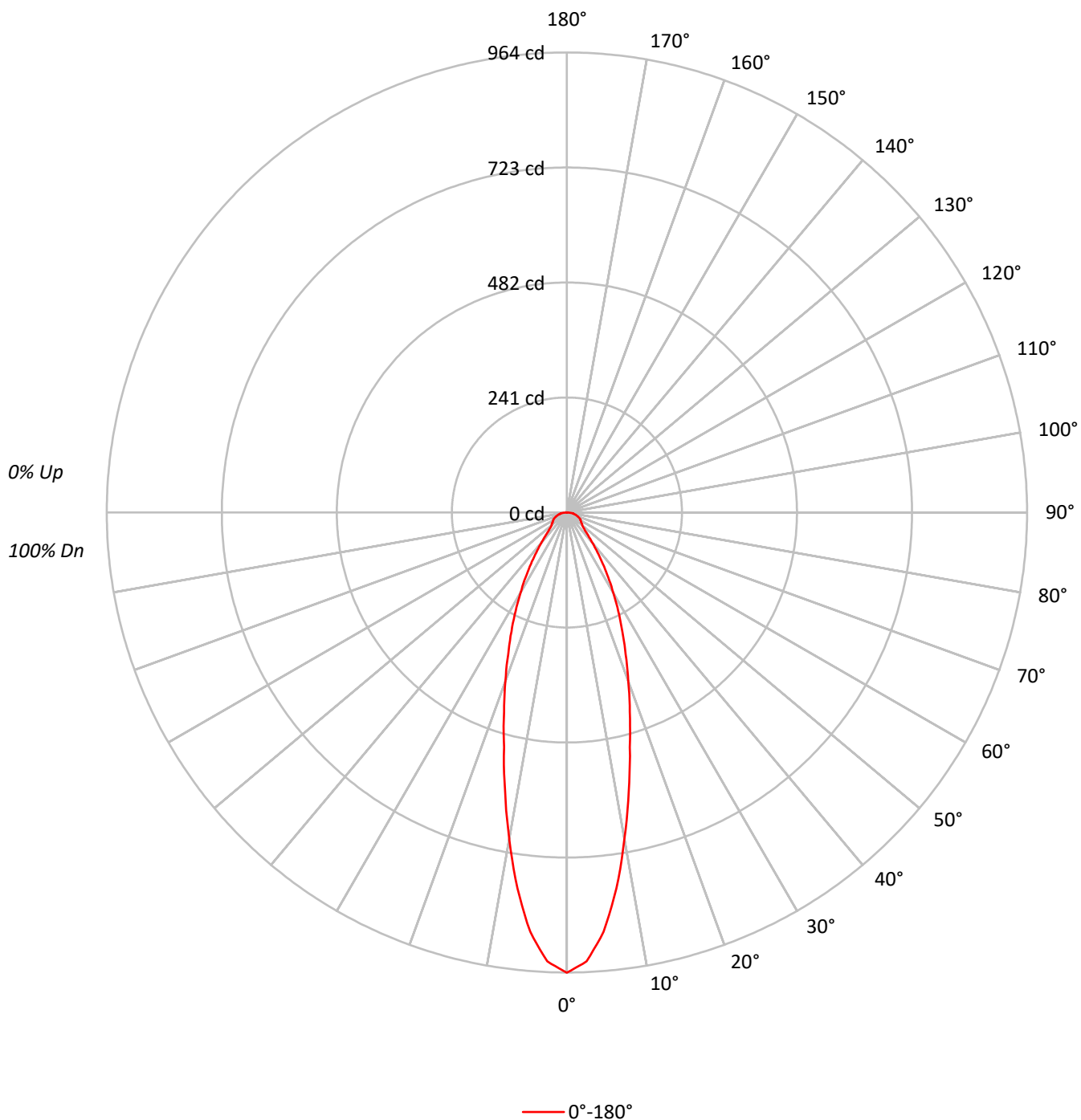
Lumens per Lamp: N/A
Luminaire Lumens: 565.1 lumens
Efficiency: N/A
Efficacy: 29.1 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1299259

CATALOG NUMBER: P3A17R15W2N902750DE010 E3PHLP1MW_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1299259

CATALOG NUMBER: P3A17R15W2N902750DE010 E3PHLP1MW_3500K

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	112	108	105	102	109	106	103	100	102	99	97		98	96	94		95
2	105	99	94	90	102	97	92	89	94	90	87		91	87	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	211474
5°	194166
10°	154707
15°	115619
20°	87811
25°	66488
30°	49197
35°	35148
40°	24045
45°	16839
50°	14328
55°	14069
60°	14604
65°	15462
70°	15708
75°	16352
80°	17679
85°	17612

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 20664 cd/sqm

TEST NUMBER: P1299259

CATALOG NUMBER: P3A17R15W2N902750DE010 E3PHLP1MW_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.1	13.8
10°-20°	142.9	25.3
20°-30°	126.6	22.4
30°-40°	82.9	14.7
40°-50°	44.3	7.8
50°-60°	33.5	5.9
60°-70°	28.9	5.1
70°-80°	19.9	3.5
80°-90°	8.1	1.4
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°	347.5	61.5
0°-40°	430.4	76.2
0°-60°	508.3	89.9
0°-90°	565.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	565.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	964	
5°	882	78
15°	509	143
25°	275	127
35°	131	83
45°	54	44
55°	37	34
65°	30	29
75°	19	20
85°	7	8
90°	0	

TEST NUMBER: P1299259

CATALOG NUMBER: P3A17R15W2N902750DE010 E3PHLP1MW_3500K

CANDELA DISTRIBUTION (FULL):

0°	
0°	964.4
2.5°	941.6
5°	882.1
7.5°	794.6
10°	694.8
12.5°	598.6
15°	509.3
17.5°	437.6
20°	376.3
22.5°	322.0
25°	274.8
27.5°	232.8
30°	194.3
32.5°	161.0
35°	131.3
37.5°	105.0
40°	84.0
42.5°	66.5
45°	54.3
47.5°	47.3
50°	42.0
52.5°	40.3
55°	36.8
57.5°	35.0
60°	33.3
62.5°	31.5
65°	29.8
67.5°	26.3
70°	24.5
72.5°	21.0
75°	19.3
77.5°	15.8
80°	14.0
82.5°	12.3
85°	7.0
87.5°	3.5
90°	0.0

(END OF REPORT)