

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: P1299449

Luminaire Tested: P3A17R15W2N902765DE010 E3PHLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299449
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: P3A17R15W2N902765DE010 E3PHLP1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

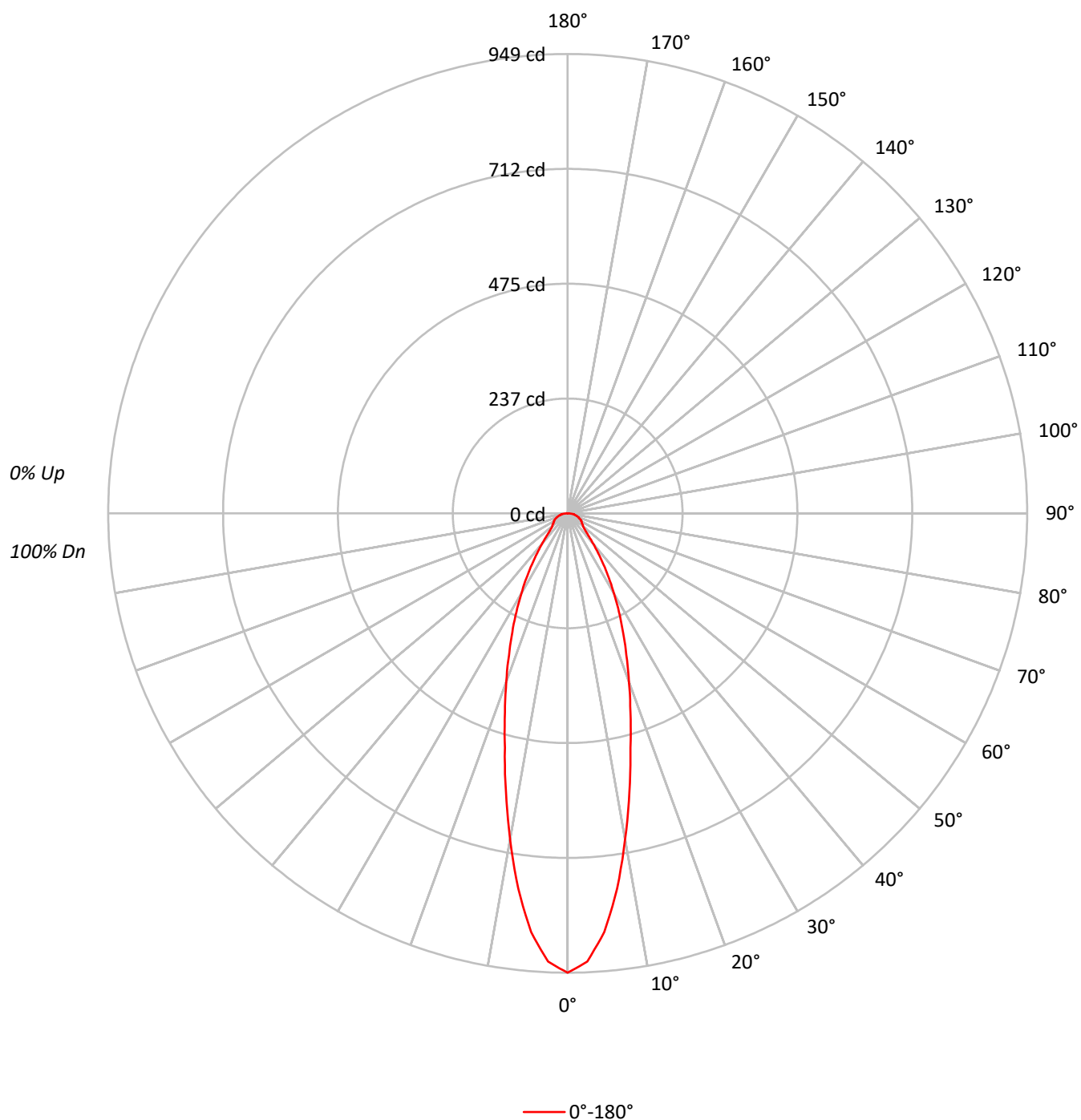
Lumens per Lamp: N/A
Luminaire Lumens: 556.0 lumens
Efficiency: N/A
Efficacy: 28.7 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot





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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°	208097
5°	191085
10°	152257
15°	113780
20°	86411
25°	65423
30°	48413
35°	34586
40°	23673
45°	16560
50°	14089
55°	13839
60°	14341
65°	15203
70°	15451
75°	16013
80°	17426
85°	17360

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 20328 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.9	13.8
10°-20°	140.6	25.3
20°-30°	124.6	22.4
30°-40°	81.6	14.7
40°-50°	43.6	7.8
50°-60°	32.9	5.9
60°-70°	28.4	5.1
70°-80°	19.5	3.5
80°-90°	8.0	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°	342.0	61.5
0°-40°	423.6	76.2
0°-60°	500.1	90.0
0°-90°	556.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	556.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	949	
5°	868	77
15°	501	141
25°	270	125
35°	129	82
45°	53	44
55°	36	33
65°	29	28
75°	19	20
85°	7	8
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	949.0
2.5°	926.6
5°	868.1
7.5°	781.9
10°	683.8
12.5°	589.0
15°	501.2
17.5°	430.6
20°	370.3
22.5°	316.9
25°	270.4
27.5°	229.1
30°	191.2
32.5°	158.5
35°	129.2
37.5°	103.3
40°	82.7
42.5°	65.4
45°	53.4
47.5°	46.5
50°	41.3
52.5°	39.6
55°	36.2
57.5°	34.4
60°	32.7
62.5°	31.0
65°	29.3
67.5°	25.8
70°	24.1
72.5°	20.7
75°	18.9
77.5°	15.5
80°	13.8
82.5°	12.1
85°	6.9
87.5°	3.4
90°	0.0

(END OF REPORT)