

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: P1295655

Luminaire Tested: P3A13R15W2N902765DE010 E3PHLP1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1295655
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: P3A13R15W2N902765DE010 E3PHLP1MW_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3500K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

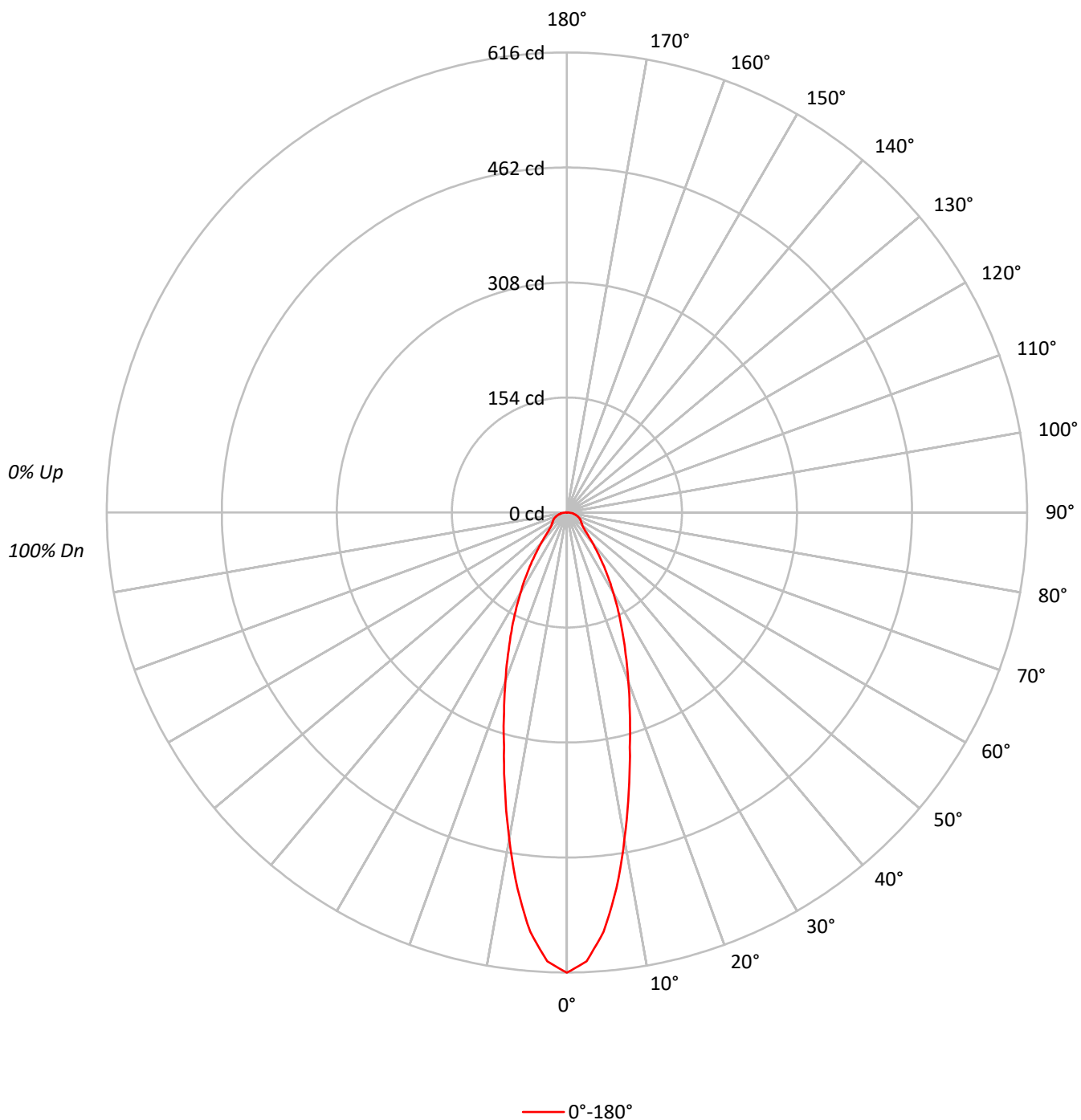
Lumens per Lamp: N/A
Luminaire Lumens: 361.0 lumens
Efficiency: N/A
Efficacy: 29.3 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1295655

CATALOG NUMBER: P3A13R15W2N902765DE010 E3PHLP1MW_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1295655

CATALOG NUMBER: P3A13R15W2N902765DE010 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	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	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90		
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	81		
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74		
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68		
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	63		
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52		
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49		
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	135121
5°	124059
10°	98863
15°	73871
20°	56098
25°	42486
30°	31423
35°	22459
40°	15372
45°	10761
50°	9143
55°	8984
60°	9298
65°	9858
70°	10066
75°	10421
80°	11239
85°	11322

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 13104 cd/sqm

TEST NUMBER: P1295655

CATALOG NUMBER: P3A13R15W2N902765DE010 E3PHLP1MW_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.9	13.8
10°-20°	91.3	25.3
20°-30°	80.9	22.4
30°-40°	53.0	14.7
40°-50°	28.3	7.8
50°-60°	21.4	5.9
60°-70°	18.4	5.1
70°-80°	12.7	3.5
80°-90°	5.2	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°	222.1	61.5
0°-40°	275.0	76.2
0°-60°	324.7	90.0
0°-90°	361.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	361.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	616	
5°	564	50
15°	325	91
25°	176	81
35°	84	53
45°	35	28
55°	24	21
65°	19	18
75°	12	13
85°	4	5
90°	0	



TEST NUMBER: P1295655

CATALOG NUMBER: P3A13R15W2N902765DE010 E3PHLP1MW_3500K

CANDELA DISTRIBUTION (FULL):

0°	
0°	616.2
2.5°	601.6
5°	563.6
7.5°	507.7
10°	444.0
12.5°	382.5
15°	325.4
17.5°	279.6
20°	240.4
22.5°	205.8
25°	175.6
27.5°	148.7
30°	124.1
32.5°	102.9
35°	83.9
37.5°	67.1
40°	53.7
42.5°	42.5
45°	34.7
47.5°	30.2
50°	26.8
52.5°	25.7
55°	23.5
57.5°	22.4
60°	21.2
62.5°	20.1
65°	19.0
67.5°	16.8
70°	15.7
72.5°	13.4
75°	12.3
77.5°	10.1
80°	8.9
82.5°	7.8
85°	4.5
87.5°	2.2
90°	0.0

(END OF REPORT)