

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: P1295657

Luminaire Tested: P3A13R15W2N902765DE010 E3PHLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1295657
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_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

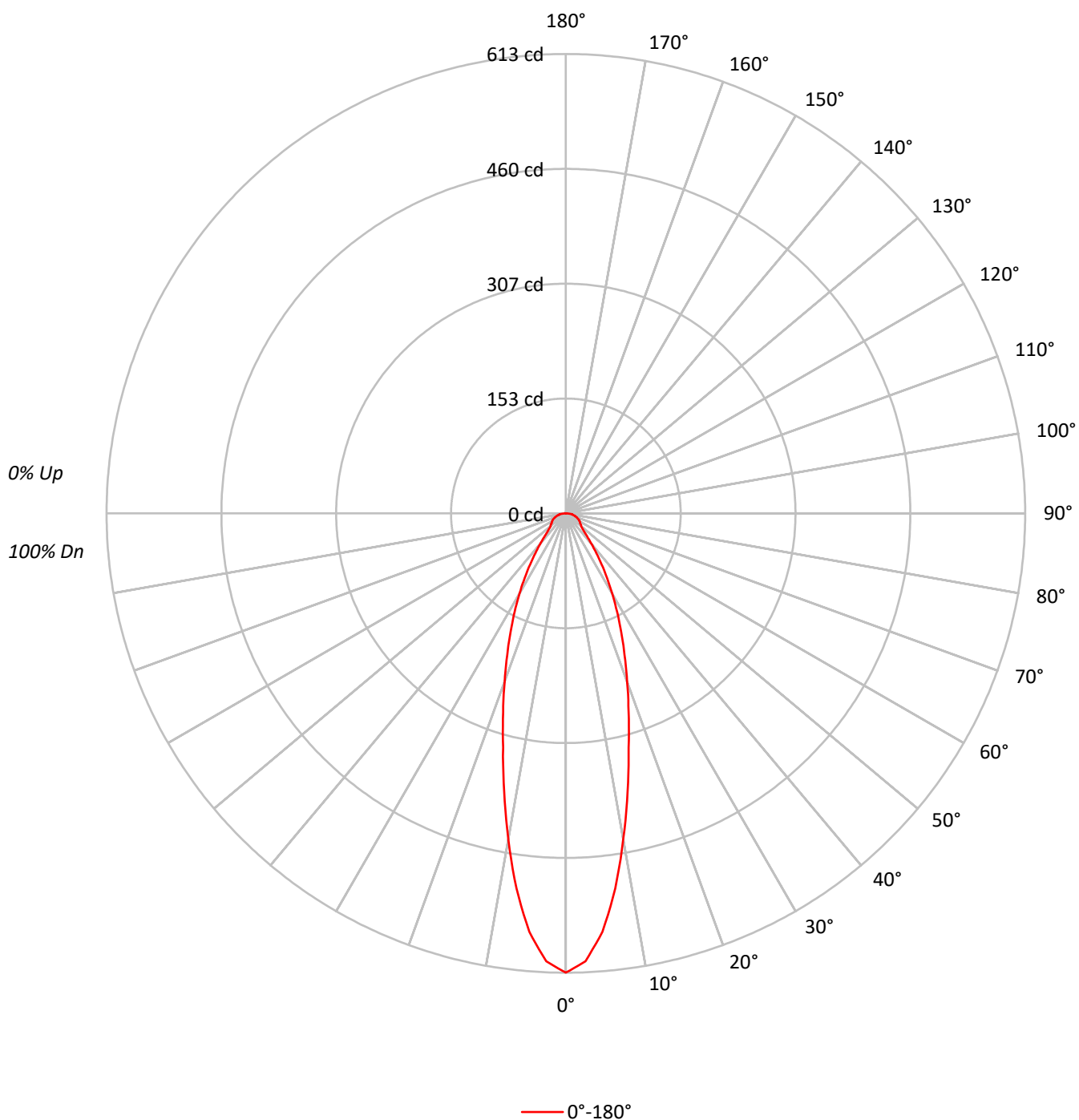
Lumens per Lamp: N/A
Luminaire Lumens: 359.0 lumens
Efficiency: N/A
Efficacy: 29.2 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1295657

CATALOG NUMBER: P3A13R15W2N902765DE010 E3PHLP1MW_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1295657

CATALOG NUMBER: P3A13R15W2N902765DE010 E3PHLP1MW_5000K

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	0
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°	134375
5°	123376
10°	98306
15°	73462
20°	55795
25°	42244
30°	31245
35°	22326
40°	15286
45°	10699
50°	9108
55°	8946
60°	9254
65°	9806
70°	10002
75°	10336
80°	11239
85°	11070

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 82.5°
Luminance: 13104 cd/sqm

TEST NUMBER: P1295657

CATALOG NUMBER: P3A13R15W2N902765DE010 E3PHLP1MW_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.6	13.8
10°-20°	90.8	25.3
20°-30°	80.4	22.4
30°-40°	52.7	14.7
40°-50°	28.2	7.8
50°-60°	21.3	5.9
60°-70°	18.3	5.1
70°-80°	12.6	3.5
80°-90°	5.1	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°	220.8	61.5
0°-40°	273.5	76.2
0°-60°	322.9	90.0
0°-90°	359.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	359.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	613	
5°	560	50
15°	324	91
25°	175	80
35°	83	53
45°	34	28
55°	23	21
65°	19	18
75°	12	13
85°	4	5
90°	0	

TEST NUMBER: P1295657

CATALOG NUMBER: P3A13R15W2N902765DE010 E3PHLP1MW_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	612.8
2.5°	598.3
5°	560.5
7.5°	504.9
10°	441.5
12.5°	380.3
15°	323.6
17.5°	278.0
20°	239.1
22.5°	204.6
25°	174.6
27.5°	147.9
30°	123.4
32.5°	102.3
35°	83.4
37.5°	66.7
40°	53.4
42.5°	42.3
45°	34.5
47.5°	30.0
50°	26.7
52.5°	25.6
55°	23.4
57.5°	22.2
60°	21.1
62.5°	20.0
65°	18.9
67.5°	16.7
70°	15.6
72.5°	13.3
75°	12.2
77.5°	10.0
80°	8.9
82.5°	7.8
85°	4.4
87.5°	2.2
90°	0.0

(END OF REPORT)