

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: P1284422

Luminaire Tested: P3AS13R15B2750DE010 E3PHLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284422
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: P3AS13R15B2750DE010 E3PHLP1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

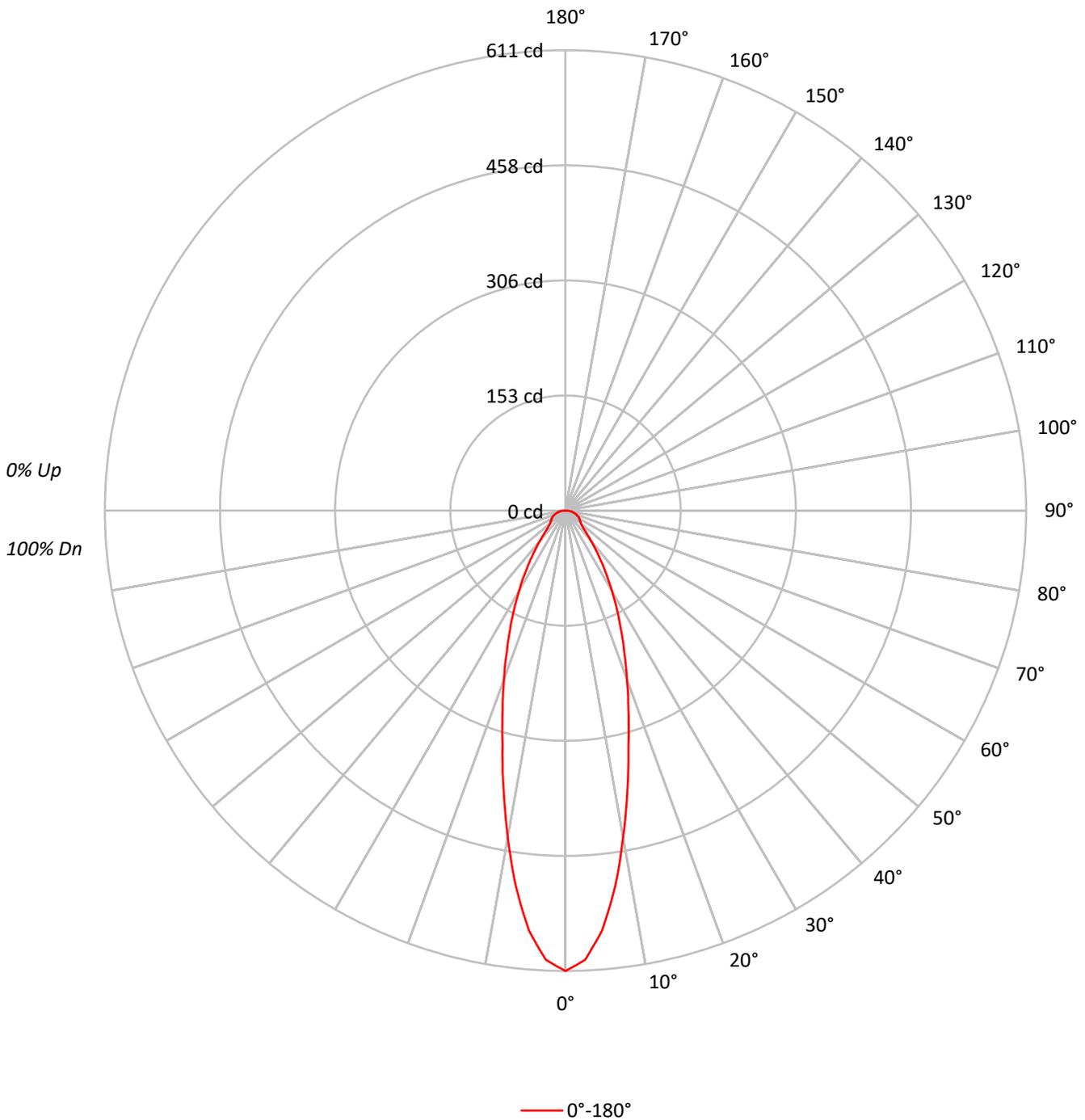
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 358.0 lumens
Efficiency: N/A
Efficacy: 18.7 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): 19.1
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: P1284422
CATALOG NUMBER: P3AS13R15B2750DE010 E3PHLP1MW_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1284422

CATALOG NUMBER: P3AS13R15B2750DE010 E3PHLP1MW_2700K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90	90	90	90
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	81	81	81	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74	74	74	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68	68	68	68
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	63	63	63	63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59	59	59	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52	52	52	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49	49	49	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	134002
5°	123024
10°	98039
15°	73258
20°	55632
25°	42123
30°	31169
35°	22272
40°	15229
45°	10668
50°	9074
55°	8908
60°	9254
65°	9806
70°	9938
75°	10336
80°	11239
85°	11070

MAXIMUM LUMINANCE 45°-90°:

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



TEST NUMBER: P1284422

CATALOG NUMBER: P3AS13R15B2750DE010 E3PHLP1MW_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.5	13.8
10°-20°	90.5	25.3
20°-30°	80.2	22.4
30°-40°	52.5	14.7
40°-50°	28.1	7.8
50°-60°	21.2	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°	220.2	61.5
0°-40°	272.7	76.2
0°-60°	322.0	89.9
0°-90°	358.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	358.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	611	
5°	559	50
15°	323	91
25°	174	80
35°	83	53
45°	34	28
55°	23	21
65°	19	18
75°	12	13
85°	4	5
90°	0	



TEST NUMBER: P1284422

CATALOG NUMBER: P3AS13R15B2750DE010 E3PHLP1MW_2700K

CANDELA DISTRIBUTION (FULL):

	0°
0°	611.1
2.5°	596.6
5°	558.9
7.5°	503.5
10°	440.3
12.5°	379.3
15°	322.7
17.5°	277.2
20°	238.4
22.5°	204.1
25°	174.1
27.5°	147.5
30°	123.1
32.5°	102.0
35°	83.2
37.5°	66.5
40°	53.2
42.5°	42.1
45°	34.4
47.5°	29.9
50°	26.6
52.5°	25.5
55°	23.3
57.5°	22.2
60°	21.1
62.5°	20.0
65°	18.9
67.5°	16.6
70°	15.5
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)