

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: P1284421

Luminaire Tested: P3AS13R15B2750DE010 E3PHLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284421
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R15B2750DE010 E3PHLD1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 80CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

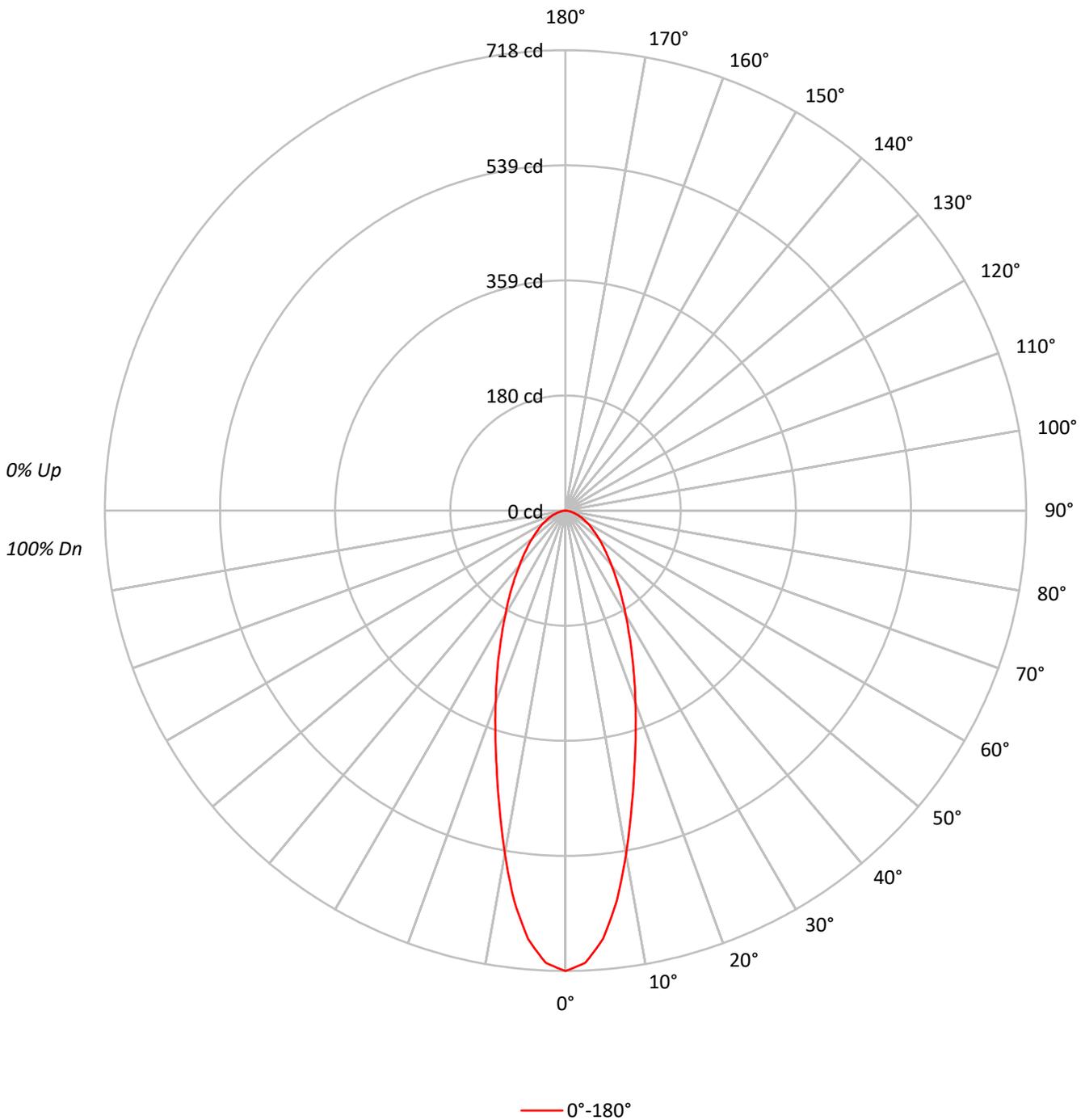
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 541.0 lumens
Efficiency: N/A
Efficacy: 28.3 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
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: P1284421
CATALOG NUMBER: P3AS13R15B2750DE010 E3PHLD1MW_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1284421

CATALOG NUMBER: P3AS13R15B2750DE010 E3PHLD1MW_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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	95	93	92	90
2	104	98	93	89	102	97	92	88	93	89	86	90	87	84	87	85	82	87	85	82	80
3	98	90	84	79	96	88	83	78	85	81	77	83	79	75	81	77	74	81	77	74	72
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	75	71	67	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	70	65	62	60
6	81	71	63	58	79	70	63	58	68	62	58	67	61	57	65	60	57	65	60	57	55
7	77	66	59	54	75	65	58	54	64	58	53	62	57	53	61	56	53	61	56	53	51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	58	53	49	47
9	69	58	51	47	68	57	51	46	56	50	46	55	50	46	54	49	46	54	49	46	44
10	65	54	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	52	47	43	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	157444
5°	147589
10°	121018
15°	94030
20°	74206
25°	59157
30°	47476
35°	38762
40°	31917
45°	26856
50°	23061
55°	19956
60°	17674
65°	15410
70°	13720
75°	11099
80°	8966
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 26856 cd/sqm



TEST NUMBER: P1284421

CATALOG NUMBER: P3AS13R15B2750DE010 E3PHLD1MW_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.9	11.1
10°-20°	116.0	21.4
20°-30°	112.8	20.8
30°-40°	91.1	16.8
40°-50°	67.6	12.5
50°-60°	47.3	8.7
60°-70°	29.6	5.5
70°-80°	14.1	2.6
80°-90°	2.6	0.5
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°	288.7	53.4
0°-40°	379.8	70.2
0°-60°	494.7	91.4
0°-90°	541.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	541.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	718	
5°	670	60
15°	414	116
25°	244	113
35°	145	91
45°	87	68
55°	52	47
65°	30	30
75°	13	14
85°	2	3
90°	0	



TEST NUMBER: P1284421
CATALOG NUMBER: P3AS13R15B2750DE010 E3PHLD1MW_5000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	718.0
2.5°	706.1
5°	670.5
7.5°	613.5
10°	543.5
12.5°	474.7
15°	414.2
17.5°	363.1
20°	318.0
22.5°	278.9
25°	244.5
27.5°	213.6
30°	187.5
32.5°	165.0
35°	144.8
37.5°	127.0
40°	111.5
42.5°	98.5
45°	86.6
47.5°	77.1
50°	67.6
52.5°	59.3
55°	52.2
57.5°	46.3
60°	40.3
62.5°	34.4
65°	29.7
67.5°	24.9
70°	21.4
72.5°	16.6
75°	13.1
77.5°	9.5
80°	7.1
82.5°	3.6
85°	2.4
87.5°	0.0
90°	0.0

(END OF REPORT)