

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: P1284426

Luminaire Tested: P3AS13R15B2750DE010 E3PHLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284426
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_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 80CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

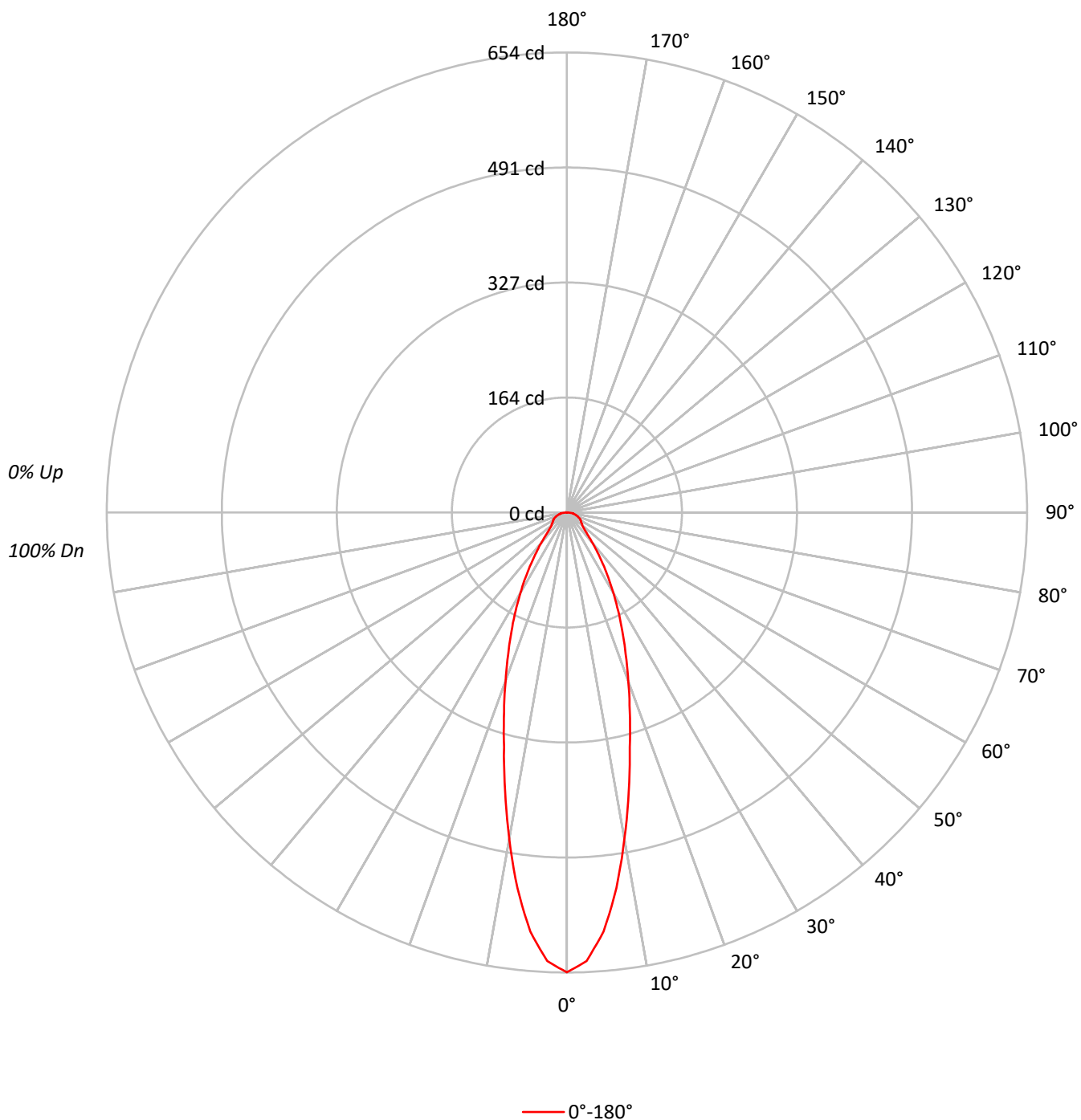
Lumens per Lamp: N/A
Luminaire Lumens: 383.0 lumens
Efficiency: N/A
Efficacy: 20.1 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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			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°	143344
5°	131631
10°	104874
15°	78389
20°	59529
25°	45075
30°	33347
35°	23825
40°	16288
45°	11412
50°	9722
55°	9519
60°	9868
65°	10481
70°	10643
75°	11099
80°	11996
85°	11825

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 13944 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.0	13.8
10°-20°	96.8	25.3
20°-30°	85.8	22.4
30°-40°	56.2	14.7
40°-50°	30.0	7.8
50°-60°	22.7	5.9
60°-70°	19.6	5.1
70°-80°	13.5	3.5
80°-90°	5.5	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°	235.6	61.5
0°-40°	291.8	76.2
0°-60°	344.5	89.9
0°-90°	383.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	383.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	654	
5°	598	53
15°	345	97
25°	186	86
35°	89	56
45°	37	30
55°	25	23
65°	20	20
75°	13	13
85°	5	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	653.7
2.5°	638.3
5°	598.0
7.5°	538.6
10°	471.0
12.5°	405.8
15°	345.3
17.5°	296.6
20°	255.1
22.5°	218.3
25°	186.3
27.5°	157.8
30°	131.7
32.5°	109.2
35°	89.0
37.5°	71.2
40°	56.9
42.5°	45.1
45°	36.8
47.5°	32.0
50°	28.5
52.5°	27.3
55°	24.9
57.5°	23.7
60°	22.5
62.5°	21.4
65°	20.2
67.5°	17.8
70°	16.6
72.5°	14.2
75°	13.1
77.5°	10.7
80°	9.5
82.5°	8.3
85°	4.7
87.5°	2.4
90°	0.0

(END OF REPORT)