

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: P1284868

Luminaire Tested: P3AS13R30B2750DE010 E3PHLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284868
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R30B2750DE010 E3PHLD1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

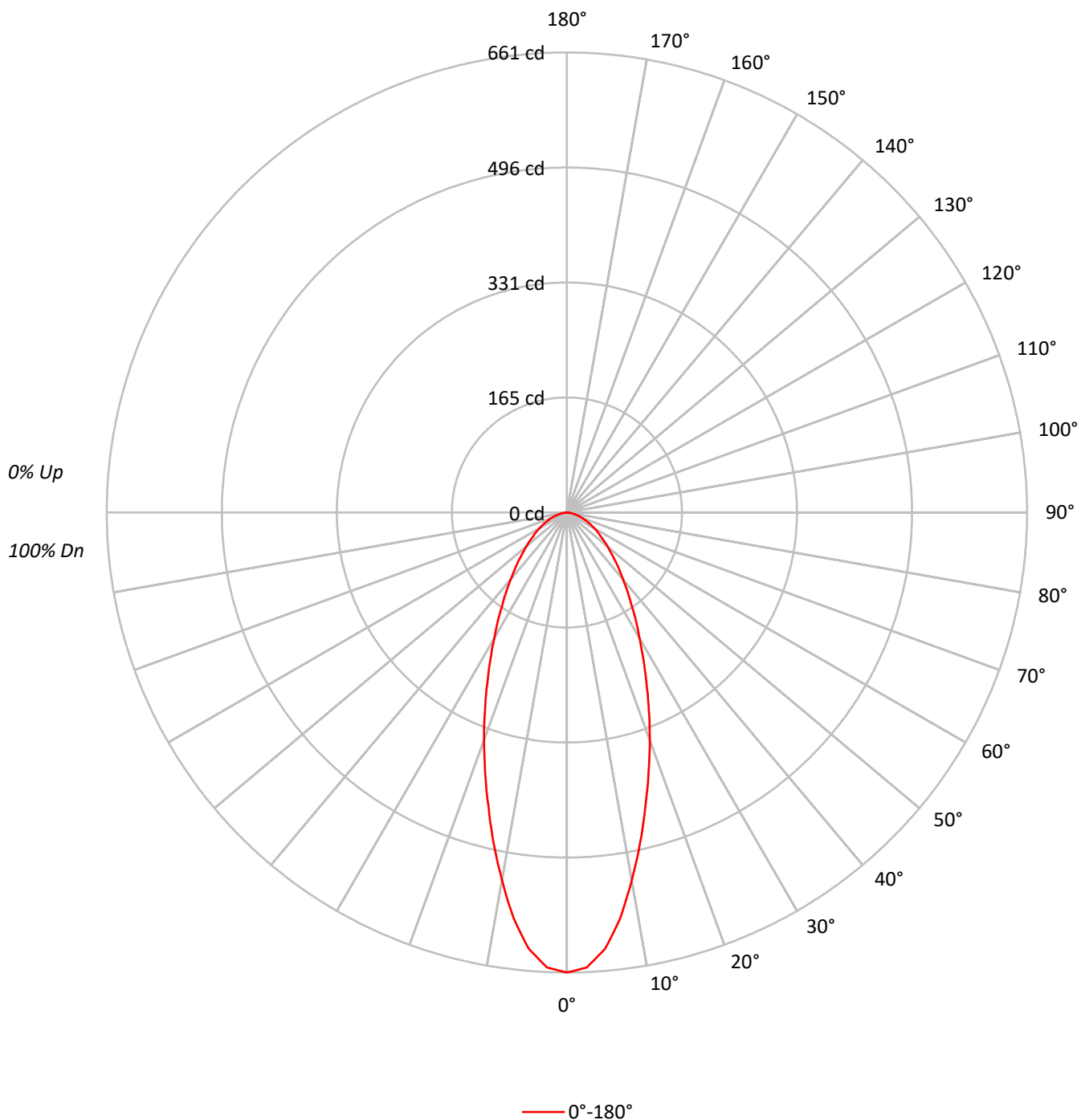
Lumens per Lamp: N/A
Luminaire Lumens: 588.0 lumens
Efficiency: N/A
Efficacy: 30.8 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			
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	94	93	91	90		
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80		
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	76	73	71		
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	65		
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	59		
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	54		
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	50		
8	71	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	46		
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	43		
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	40		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	144901
5°	138476
10°	119459
15°	99002
20°	81160
25°	65423
30°	52742
35°	43206
40°	35896
45°	30422
50°	26029
55°	22518
60°	20086
65°	17538
70°	15387
75°	12963
80°	9597
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30422 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.0	9.7
10°-20°	121.6	20.7
20°-30°	124.7	21.2
30°-40°	101.9	17.3
40°-50°	76.2	13.0
50°-60°	53.5	9.1
60°-70°	33.7	5.7
70°-80°	16.2	2.8
80°-90°	3.1	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°	303.3	51.6
0°-40°	405.2	68.9
0°-60°	534.9	91.0
0°-90°	588.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	588.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	661	
5°	629	57
15°	436	122
25°	270	125
35°	161	102
45°	98	76
55°	59	54
65°	34	34
75°	15	16
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	660.8
2.5°	654.2
5°	629.1
7.5°	587.7
10°	536.5
12.5°	486.3
15°	436.1
17.5°	390.3
20°	347.8
22.5°	307.5
25°	270.4
27.5°	237.7
30°	208.3
32.5°	184.3
35°	161.4
37.5°	142.8
40°	125.4
42.5°	111.2
45°	98.1
47.5°	86.1
50°	76.3
52.5°	67.6
55°	58.9
57.5°	52.3
60°	45.8
62.5°	39.3
65°	33.8
67.5°	28.3
70°	24.0
72.5°	19.6
75°	15.3
77.5°	10.9
80°	7.6
82.5°	4.4
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)