

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: P1284556

Luminaire Tested: P3AS13R20B2750DE010 E3PHLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284556
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R20B2750DE010 E3PHLP1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R20 optic, 5000K CCT AND, 80CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

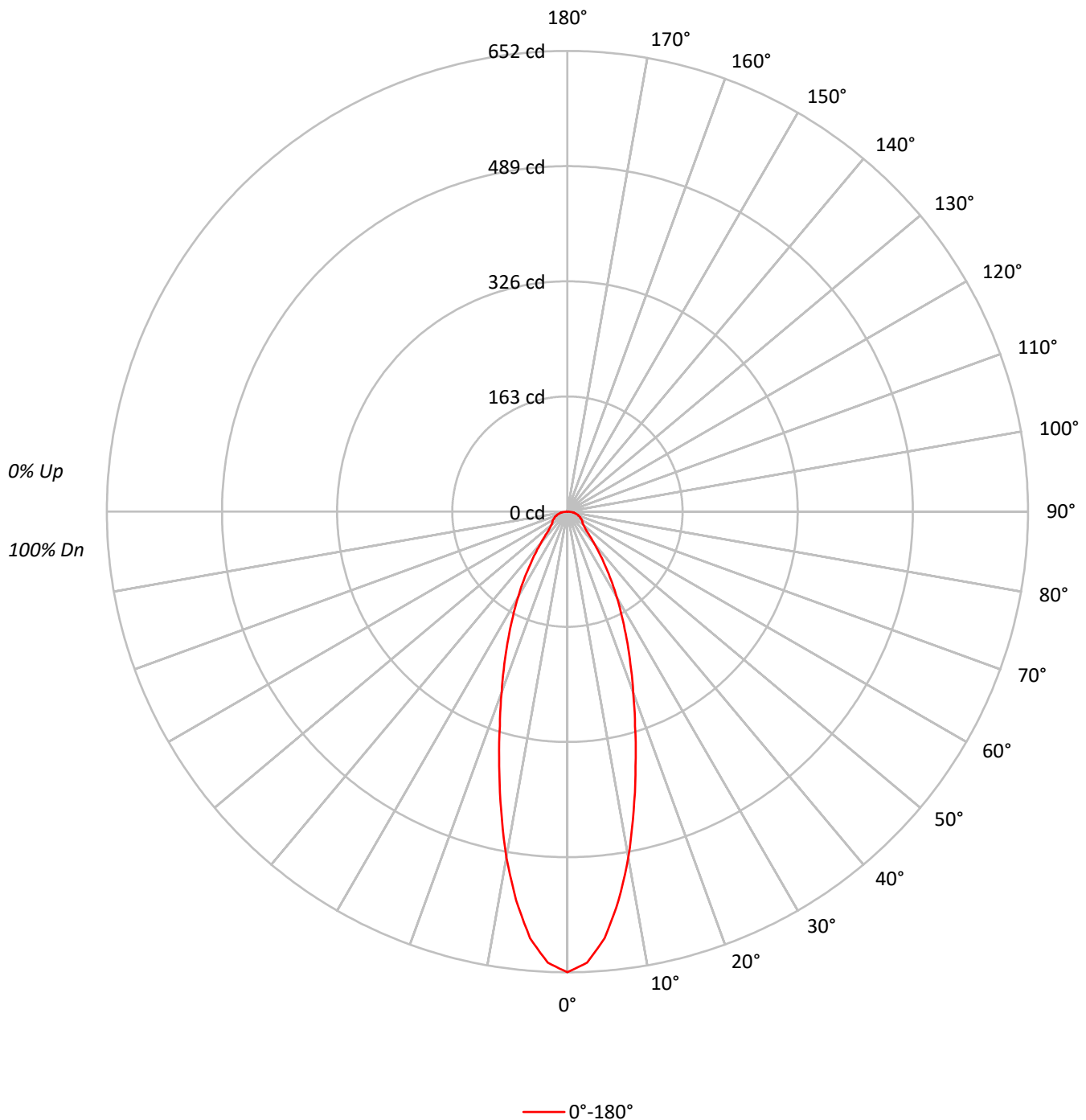
Lumens per Lamp: N/A
Luminaire Lumens: 402.0 lumens
Efficiency: N/A
Efficacy: 21.0 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	101	102	100	97		98	96	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	62	57		66	61	57		65
8	76	65	59	54	74	65	58	54	64	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		57	52	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	142949
5°	133348
10°	110641
15°	84609
20°	63496
25°	47809
30°	35347
35°	24708
40°	16946
45°	11753
50°	10098
55°	9940
60°	10394
65°	10429
70°	10643
75°	11014
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°	54.3	13.5
10°-20°	103.6	25.8
20°-30°	91.2	22.7
30°-40°	58.8	14.6
40°-50°	31.2	7.8
50°-60°	23.4	5.8
60°-70°	19.9	5.0
70°-80°	14.1	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°	249.1	62.0
0°-40°	307.9	76.6
0°-60°	362.5	90.2
0°-90°	402.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	402.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	652	
5°	606	54
15°	373	104
25°	198	91
35°	92	59
45°	38	31
55°	26	23
65°	20	20
75°	13	14
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	651.9
2.5°	638.9
5°	605.8
7.5°	554.9
10°	496.9
12.5°	433.0
15°	372.7
17.5°	318.3
20°	272.1
22.5°	233.1
25°	197.6
27.5°	166.8
30°	139.6
32.5°	114.8
35°	92.3
37.5°	74.5
40°	59.2
42.5°	47.3
45°	37.9
47.5°	33.1
50°	29.6
52.5°	27.2
55°	26.0
57.5°	24.8
60°	23.7
62.5°	21.3
65°	20.1
67.5°	18.9
70°	16.6
72.5°	15.4
75°	13.0
77.5°	11.8
80°	9.5
82.5°	8.3
85°	4.7
87.5°	2.4
90°	0.0

(END OF REPORT)