

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: P1281106

Luminaire Tested: P3AS05R20B2750DE010 E3PHLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281106
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: P3AS05R20B2750DE010 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

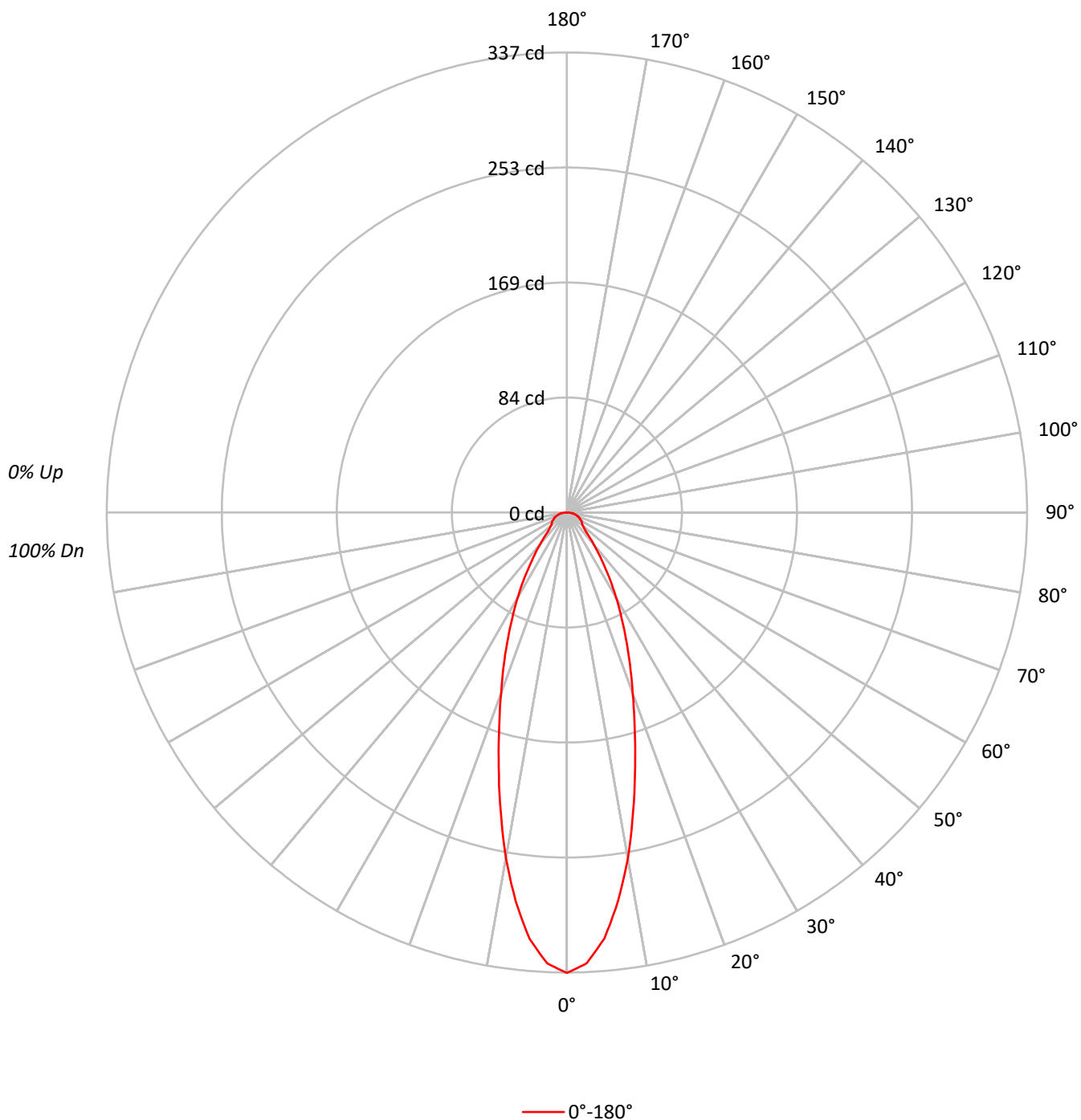
Lumens per Lamp: N/A
Luminaire Lumens: 208.0 lumens
Efficiency: N/A
Efficacy: 35.3 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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	101	102	100	97		98	96	95		95	93	92		90
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88	85	83		81
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82	79	76		74
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77	73	70		68
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72	68	65		63
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68	64	61		59
7	79	69	63	58	78	68	62	58	67	62	57		66	61	57		65	60	57		55
8	76	65	59	54	74	65	58	54	64	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		57	52	48		56	51	48		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	73963
5°	68985
10°	57247
15°	43769
20°	32856
25°	24727
30°	18281
35°	12796
40°	8759
45°	6078
50°	5219
55°	5161
60°	5350
65°	5396
70°	5514
75°	5676
80°	6188
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 82.5°
Luminance: 7224 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.1	13.5
10°-20°	53.6	25.8
20°-30°	47.2	22.7
30°-40°	30.5	14.6
40°-50°	16.1	7.8
50°-60°	12.1	5.8
60°-70°	10.3	5.0
70°-80°	7.3	3.5
80°-90°	2.8	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°	128.9	62.0
0°-40°	159.3	76.6
0°-60°	187.6	90.2
0°-90°	208.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	208.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	337	
5°	313	28
15°	193	54
25°	102	47
35°	48	30
45°	20	16
55°	14	12
65°	10	10
75°	7	7
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	337.3
2.5°	330.6
5°	313.4
7.5°	287.1
10°	257.1
12.5°	224.1
15°	192.8
17.5°	164.7
20°	140.8
22.5°	120.6
25°	102.2
27.5°	86.3
30°	72.2
32.5°	59.4
35°	47.8
37.5°	38.6
40°	30.6
42.5°	24.5
45°	19.6
47.5°	17.1
50°	15.3
52.5°	14.1
55°	13.5
57.5°	12.9
60°	12.2
62.5°	11.0
65°	10.4
67.5°	9.8
70°	8.6
72.5°	8.0
75°	6.7
77.5°	6.1
80°	4.9
82.5°	4.3
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)