

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: P1281101

Luminaire Tested: P3AS05R20B2750DE010 E3PHLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281101
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R20B2750DE010 E3PHLD1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R20 optic, 5000K CCT AND, 80CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

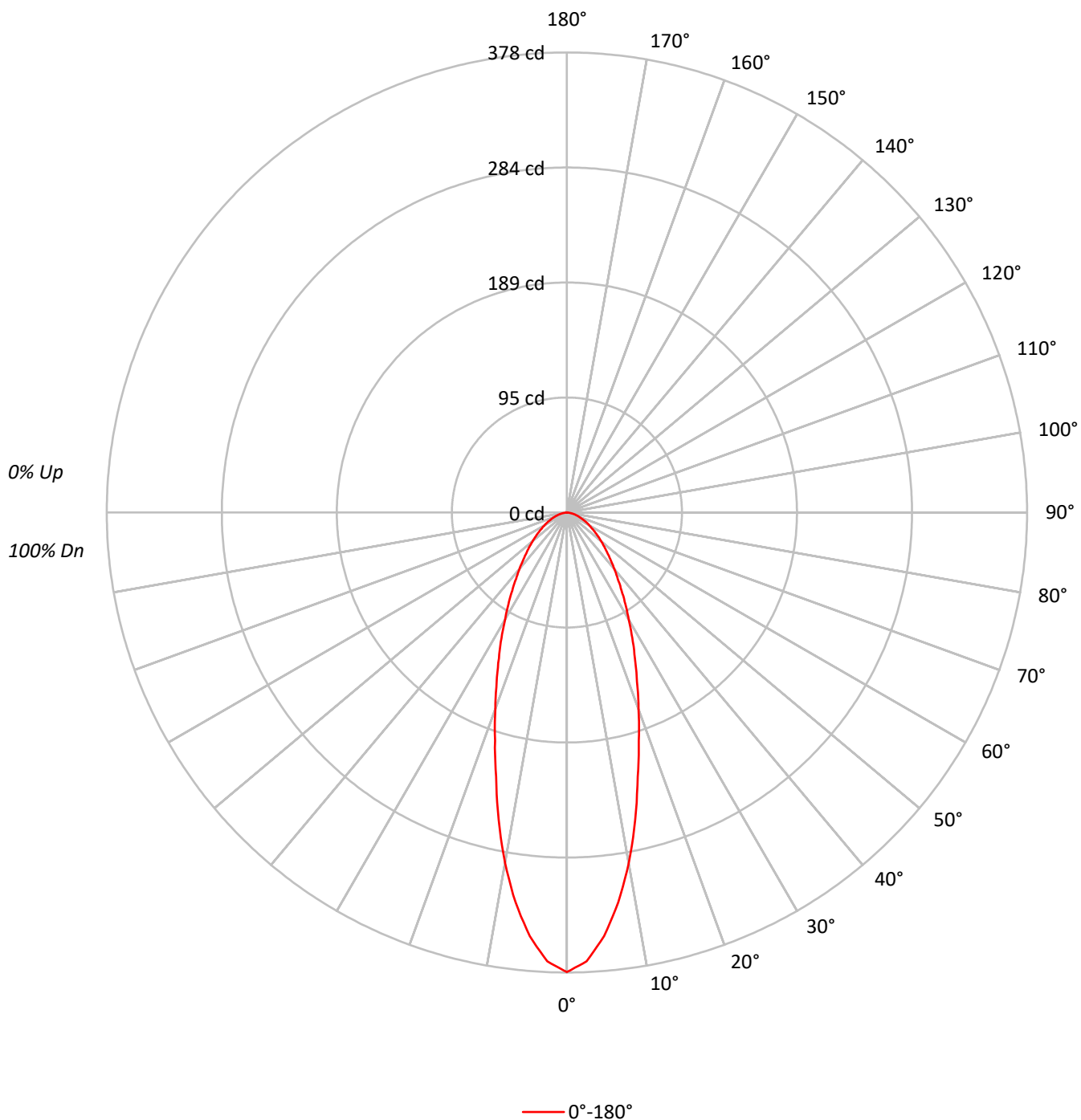
Lumens per Lamp: N/A
Luminaire Lumens: 292.0 lumens
Efficiency: N/A
Efficacy: 49.5 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	98	90	83	78	95	88	82	78	85	81	77		83	79	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	70	63	58	79	70	63	58	68	62	58		66	61	57		65
7	76	66	59	54	75	65	58	53	64	58	53		62	57	53		61
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	82800
5°	76931
10°	65151
15°	50988
20°	40137
25°	31986
30°	25725
35°	20960
40°	17347
45°	14606
50°	12520
55°	10781
60°	9385
65°	8250
70°	7052
75°	6185
80°	4672
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14606 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.6	10.8
10°-20°	62.9	21.5
20°-30°	61.1	20.9
30°-40°	49.3	16.9
40°-50°	36.7	12.6
50°-60°	25.5	8.7
60°-70°	16.0	5.5
70°-80°	7.7	2.6
80°-90°	1.3	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°	155.5	53.3
0°-40°	204.8	70.2
0°-60°	267.0	91.4
0°-90°	292.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	292.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	378	
5°	350	32
15°	225	63
25°	132	61
35°	78	49
45°	47	37
55°	28	25
65°	16	16
75°	7	8
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	377.6
2.5°	369.1
5°	349.5
7.5°	323.2
10°	292.6
12.5°	258.9
15°	224.6
17.5°	196.5
20°	172.0
22.5°	150.6
25°	132.2
27.5°	116.3
30°	101.6
32.5°	89.4
35°	78.3
37.5°	68.6
40°	60.6
42.5°	53.3
45°	47.1
47.5°	41.6
50°	36.7
52.5°	32.4
55°	28.2
57.5°	24.5
60°	21.4
62.5°	19.0
65°	15.9
67.5°	13.5
70°	11.0
72.5°	9.2
75°	7.3
77.5°	5.5
80°	3.7
82.5°	1.8
85°	1.2
87.5°	0.0
90°	0.0

(END OF REPORT)