

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: P1281103

Luminaire Tested: P3AS05R20B2750DE010 E3PHLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281103
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_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

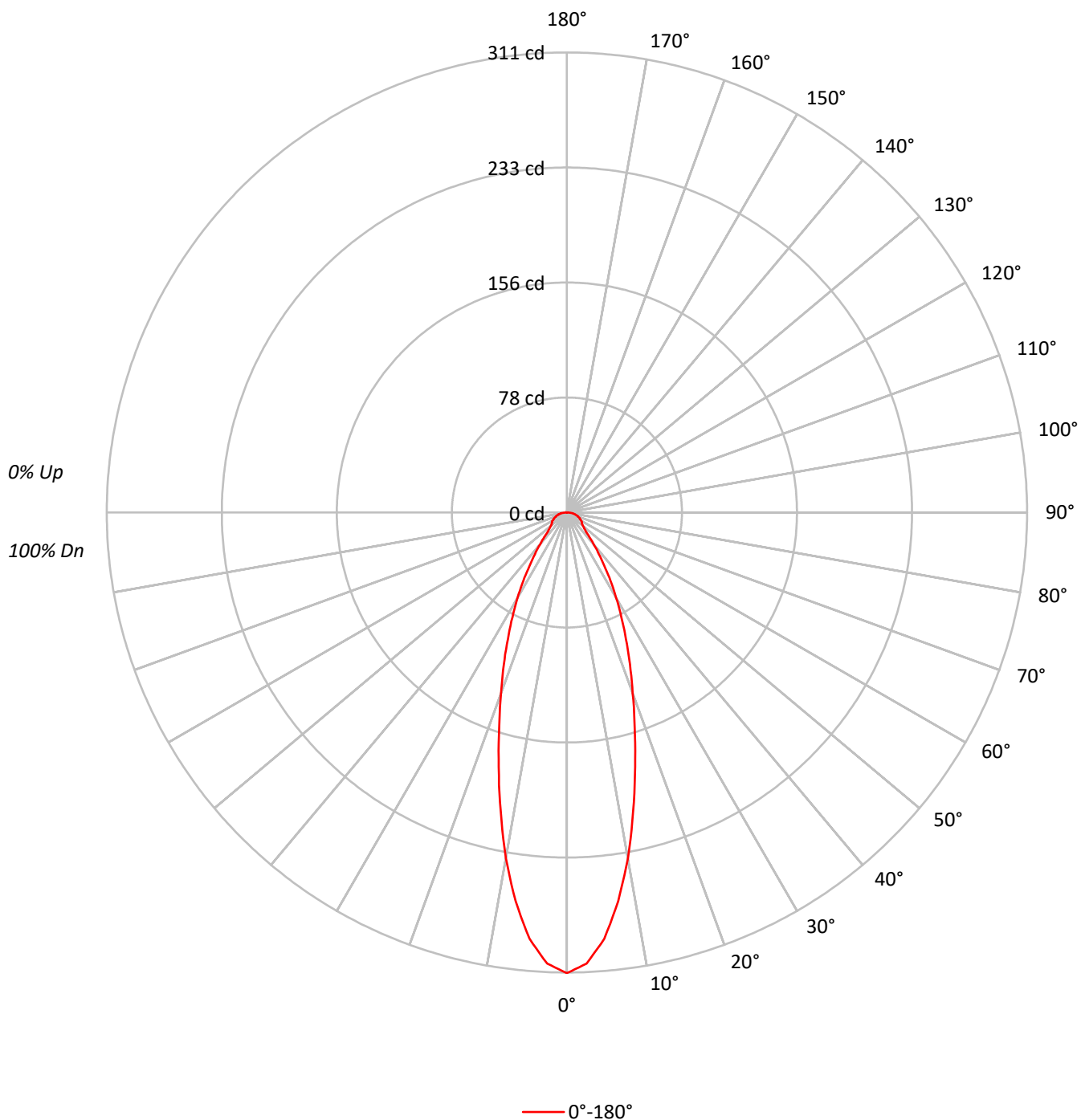
Lumens per Lamp: N/A
Luminaire Lumens: 192.0 lumens
Efficiency: N/A
Efficacy: 32.5 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	
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°	68284
5°	63680
10°	52838
15°	40409
20°	30336
25°	22840
30°	16889
35°	11805
40°	8101
45°	5613
50°	4810
55°	4741
60°	4956
65°	4981
70°	5065
75°	5253
80°	5683
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 6720 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.9	13.5
10°-20°	49.5	25.8
20°-30°	43.5	22.7
30°-40°	28.1	14.6
40°-50°	14.9	7.8
50°-60°	11.2	5.8
60°-70°	9.5	5.0
70°-80°	6.7	3.5
80°-90°	2.6	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°	119.0	62.0
0°-40°	147.1	76.6
0°-60°	173.2	90.2
0°-90°	192.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	192.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	311	
5°	289	26
15°	178	49
25°	94	44
35°	44	28
45°	18	15
55°	12	11
65°	10	10
75°	6	7
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	311.4
2.5°	305.2
5°	289.3
7.5°	265.0
10°	237.3
12.5°	206.8
15°	178.0
17.5°	152.0
20°	130.0
22.5°	111.3
25°	94.4
27.5°	79.7
30°	66.7
32.5°	54.8
35°	44.1
37.5°	35.6
40°	28.3
42.5°	22.6
45°	18.1
47.5°	15.8
50°	14.1
52.5°	13.0
55°	12.4
57.5°	11.9
60°	11.3
62.5°	10.2
65°	9.6
67.5°	9.0
70°	7.9
72.5°	7.3
75°	6.2
77.5°	5.7
80°	4.5
82.5°	4.0
85°	2.3
87.5°	1.1
90°	0.0

(END OF REPORT)