

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: P1281423

Luminaire Tested: P3AS05R30B2750DE010 E3PHLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281423
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R30B2750DE010 E3PHLP1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

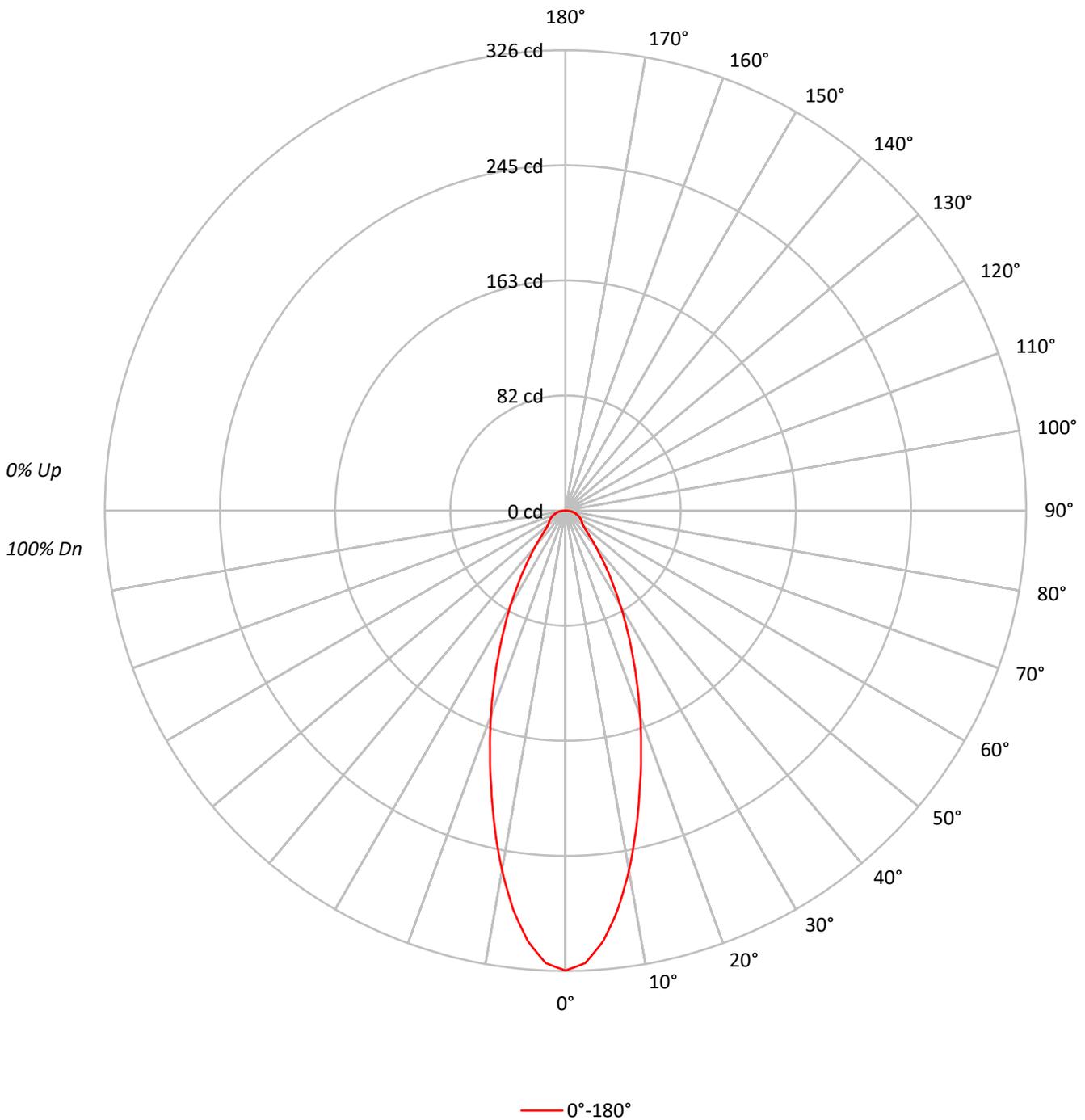
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 219.9 lumens
Efficiency: N/A
Efficacy: 37.3 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
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

TEST NUMBER: P1281423
CATALOG NUMBER: P3AS05R30B2750DE010 E3PHLP1MW_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1281423

CATALOG NUMBER: P3AS05R30B2750DE010 E3PHLP1MW_3000K

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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	94	95	93	92	90	90	90	90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81	81	81	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74	74	74	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68	68	68	68
5	88	78	72	67	86	77	71	66	76	70	66	74	69	65	72	68	65	63	63	63	63
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59	59	59	59
7	79	69	62	58	78	68	62	57	67	61	57	66	60	57	64	60	56	55	55	55	55
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	52	52	52	52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49	49	49	49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	71420
5°	67356
10°	57581
15°	46130
20°	35960
25°	27050
30°	19725
35°	13893
40°	9532
45°	6822
50°	5595
55°	5390
60°	5438
65°	5552
70°	5770
75°	6185
80°	6440
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 7560 cd/sqm



TEST NUMBER: P1281423

CATALOG NUMBER: P3AS05R30B2750DE010 E3PHLP1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.7	12.6
10°-20°	56.5	25.7
20°-30°	51.5	23.4
30°-40°	32.7	14.9
40°-50°	17.5	8.0
50°-60°	12.8	5.8
60°-70°	10.8	4.9
70°-80°	7.5	3.4
80°-90°	3.0	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°	135.6	61.7
0°-40°	168.3	76.5
0°-60°	198.7	90.3
0°-90°	219.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	219.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	326	
5°	306	28
15°	203	56
25°	112	51
35°	52	33
45°	22	18
55°	14	13
65°	11	11
75°	7	8
85°	3	3
90°	0	



TEST NUMBER: P1281423
CATALOG NUMBER: P3AS05R30B2750DE010 E3PHLP1MW_3000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	325.7
2.5°	320.7
5°	306.0
7.5°	284.5
10°	258.6
12.5°	230.9
15°	203.2
17.5°	177.8
20°	154.1
22.5°	132.1
25°	111.8
27.5°	93.7
30°	77.9
32.5°	63.2
35°	51.9
37.5°	41.2
40°	33.3
42.5°	26.5
45°	22.0
47.5°	18.1
50°	16.4
52.5°	15.2
55°	14.1
57.5°	13.5
60°	12.4
62.5°	11.9
65°	10.7
67.5°	10.2
70°	9.0
72.5°	7.9
75°	7.3
77.5°	6.2
80°	5.1
82.5°	4.5
85°	2.8
87.5°	1.1
90°	0.0

(END OF REPORT)