

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: P1281668

Luminaire Tested: P3AS05R40B2750DE010 E3DLD1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281668
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R40B2750DE010 E3DLD1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

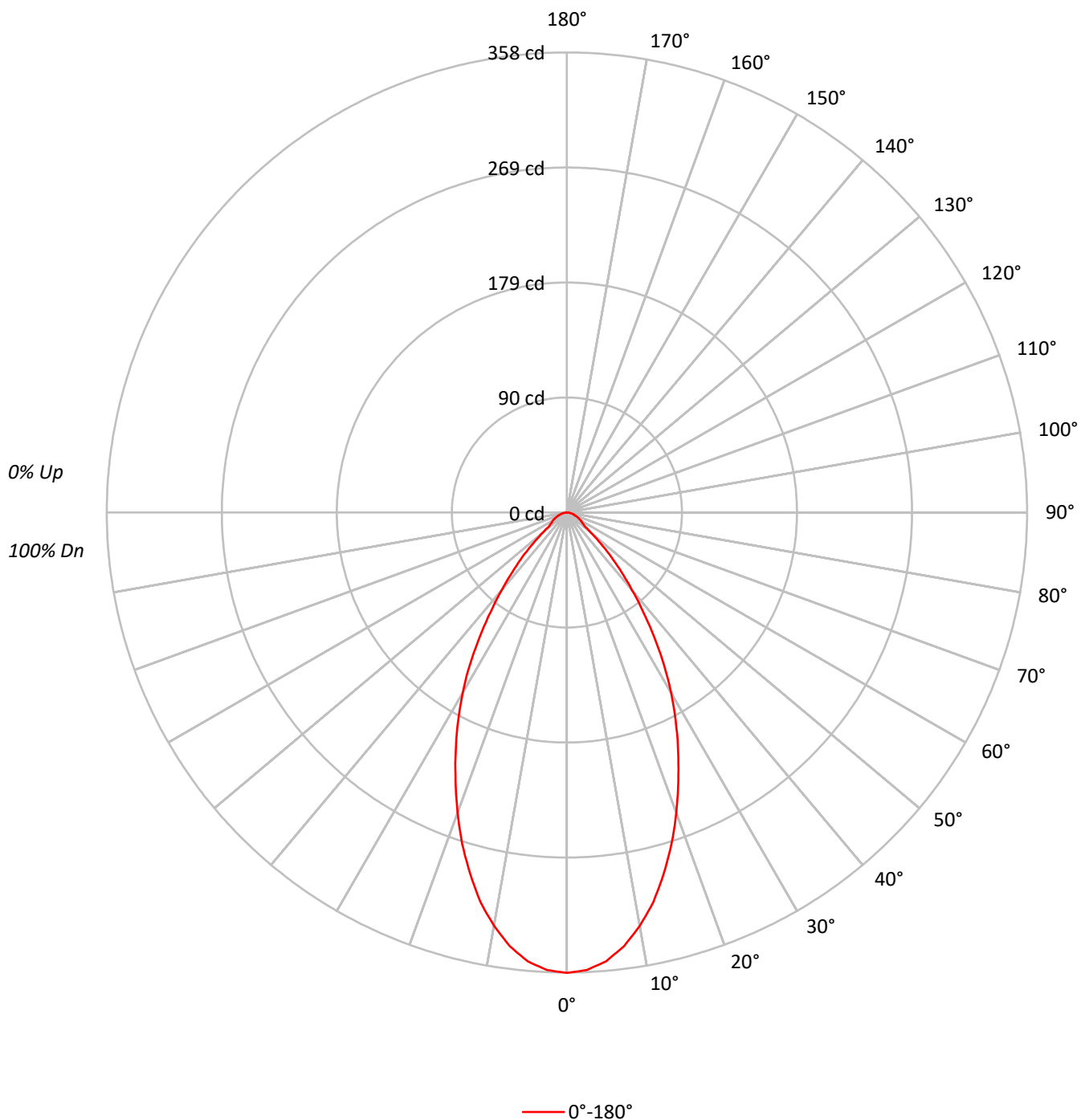
Lumens per Lamp: N/A
Luminaire Lumens: 350.0 lumens
Efficiency: N/A
Efficacy: 59.3 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	0		
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69		
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59		
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55		
8	75	64	58	53	74	64	58	53	63	57	53	62	56	53	61	56	52	51		
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48		
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	78568
5°	77151
10°	72722
15°	66039
20°	58035
25°	49551
30°	41044
35°	31668
40°	22528
45°	15164
50°	8290
55°	5849
60°	5482
65°	5085
70°	4488
75°	4321
80°	3410
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15164 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.7	9.3
10°-20°	81.0	23.2
20°-30°	93.7	26.8
30°-40°	73.8	21.1
40°-50°	37.9	10.8
50°-60°	14.5	4.1
60°-70°	9.6	2.7
70°-80°	5.2	1.5
80°-90°	1.5	0.4
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°	207.4	59.3
0°-40°	281.3	80.4
0°-60°	333.7	95.3
0°-90°	350.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	350.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	358	
5°	350	33
15°	291	81
25°	205	94
35°	118	74
45°	49	38
55°	15	14
65°	10	10
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	358.3
2.5°	356.3
5°	350.5
7.5°	340.3
10°	326.6
12.5°	310.5
15°	290.9
17.5°	270.6
20°	248.7
22.5°	226.3
25°	204.8
27.5°	183.3
30°	162.1
32.5°	140.6
35°	118.3
37.5°	97.5
40°	78.7
42.5°	62.7
45°	48.9
47.5°	35.6
50°	24.3
52.5°	17.6
55°	15.3
57.5°	13.7
60°	12.5
62.5°	11.0
65°	9.8
67.5°	8.2
70°	7.0
72.5°	5.9
75°	5.1
77.5°	3.9
80°	2.7
82.5°	2.3
85°	1.2
87.5°	0.8
90°	0.0

(END OF REPORT)