

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: P1282226

Luminaire Tested: P3AS05R60B2750DE010 E3DLD1LI_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282226
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R60B2750DE010 E3DLD1LI_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 5000K CCT AND, 80CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

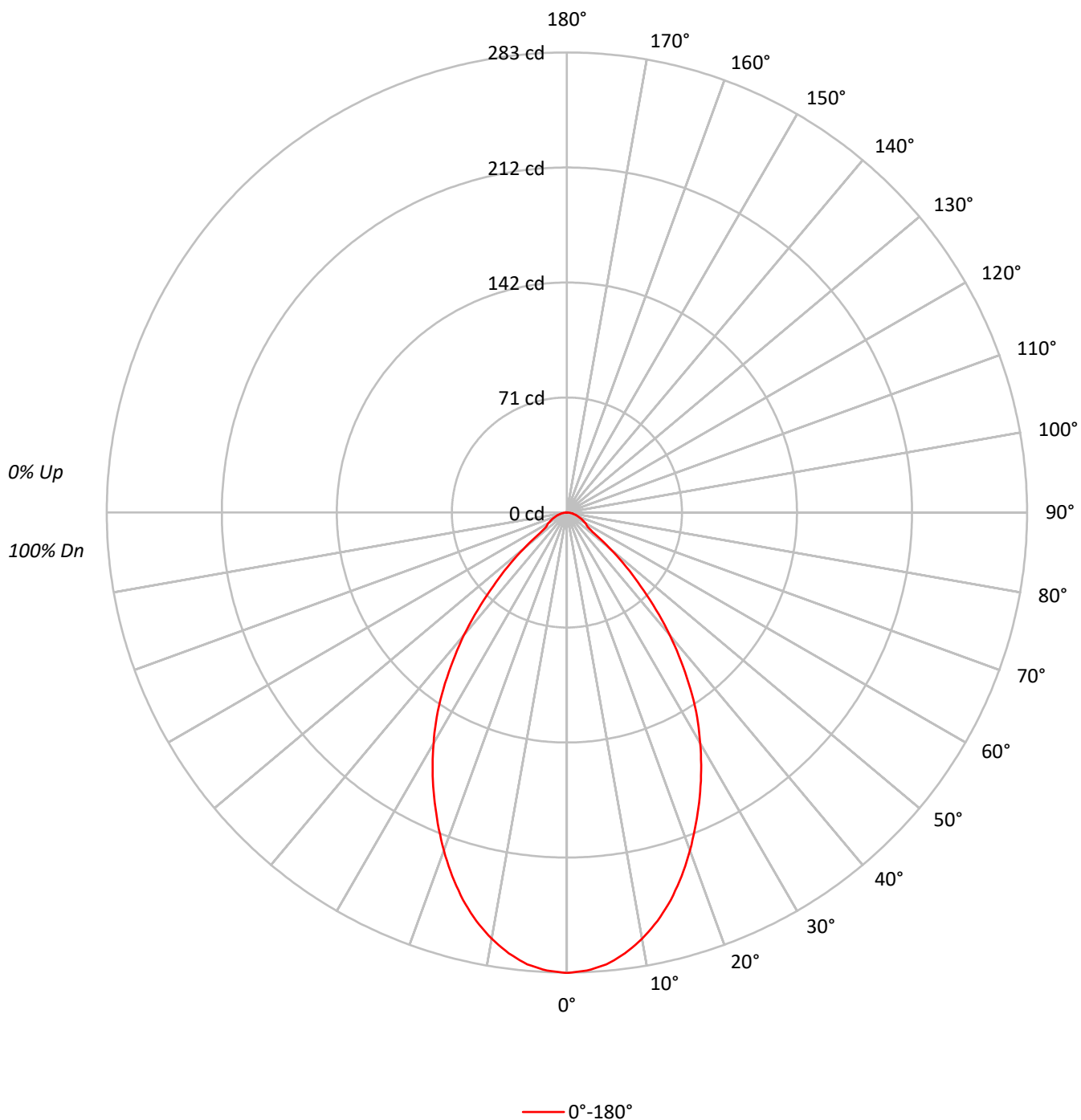
Lumens per Lamp: N/A
Luminaire Lumens: 349.9 lumens
Efficiency: N/A
Efficacy: 59.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	109	106	103		110	107	104	101		102	100	98		99	97	95		95	94	93		91			
2	105	99	94	90		103	98	93	89		94	90	87		91	88	85		88	86	84		82			
3	99	91	85	80		96	89	84	79		87	82	78		84	80	77		82	78	76		74			
4	92	83	77	72		90	82	76	71		80	75	71		78	73	70		76	72	69		67			
5	87	77	70	65		85	76	69	65		74	68	64		72	67	63		71	66	63		61			
6	82	71	64	59		80	70	64	59		69	63	58		67	62	58		66	61	58		56			
7	77	66	59	54		75	65	59	54		64	58	54		63	57	53		61	57	53		51			
8	72	61	55	50		71	61	54	50		60	54	49		59	53	49		58	53	49		47			
9	68	57	51	46		67	57	50	46		56	50	46		55	49	46		54	49	45		44			
10	65	54	47	43		64	53	47	43		52	47	43		52	46	42		51	46	42		41			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	62122
5°	61435
10°	59295
15°	56028
20°	51641
25°	46769
30°	41525
35°	35469
40°	28224
45°	19878
50°	11872
55°	6002
60°	5789
65°	5292
70°	4873
75°	4660
80°	4293
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19878 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.2	7.5
10°-20°	69.0	19.7
20°-30°	88.6	25.3
30°-40°	82.1	23.5
40°-50°	50.0	14.3
50°-60°	16.6	4.8
60°-70°	10.1	2.9
70°-80°	5.7	1.6
80°-90°	1.6	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°	183.8	52.5
0°-40°	265.9	76.0
0°-60°	332.5	95.0
0°-90°	349.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	349.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	283	
5°	279	26
15°	247	69
25°	193	89
35°	132	82
45°	64	50
55°	16	17
65°	10	10
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	283.3
2.5°	282.1
5°	279.1
7.5°	273.6
10°	266.3
12.5°	257.4
15°	246.8
17.5°	234.5
20°	221.3
22.5°	207.3
25°	193.3
27.5°	178.8
30°	164.0
32.5°	149.1
35°	132.5
37.5°	115.1
40°	98.6
42.5°	81.1
45°	64.1
47.5°	49.7
50°	34.8
52.5°	20.8
55°	15.7
57.5°	14.4
60°	13.2
62.5°	11.5
65°	10.2
67.5°	8.9
70°	7.6
72.5°	6.4
75°	5.5
77.5°	4.2
80°	3.4
82.5°	2.1
85°	1.3
87.5°	0.8
90°	0.0

(END OF REPORT)