

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: P1282271

Luminaire Tested: P3AS05R60B2750DE010 E3DLP1WMH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282271
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R60B2750DE010 E3DLP1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 5000K CCT AND, 80CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

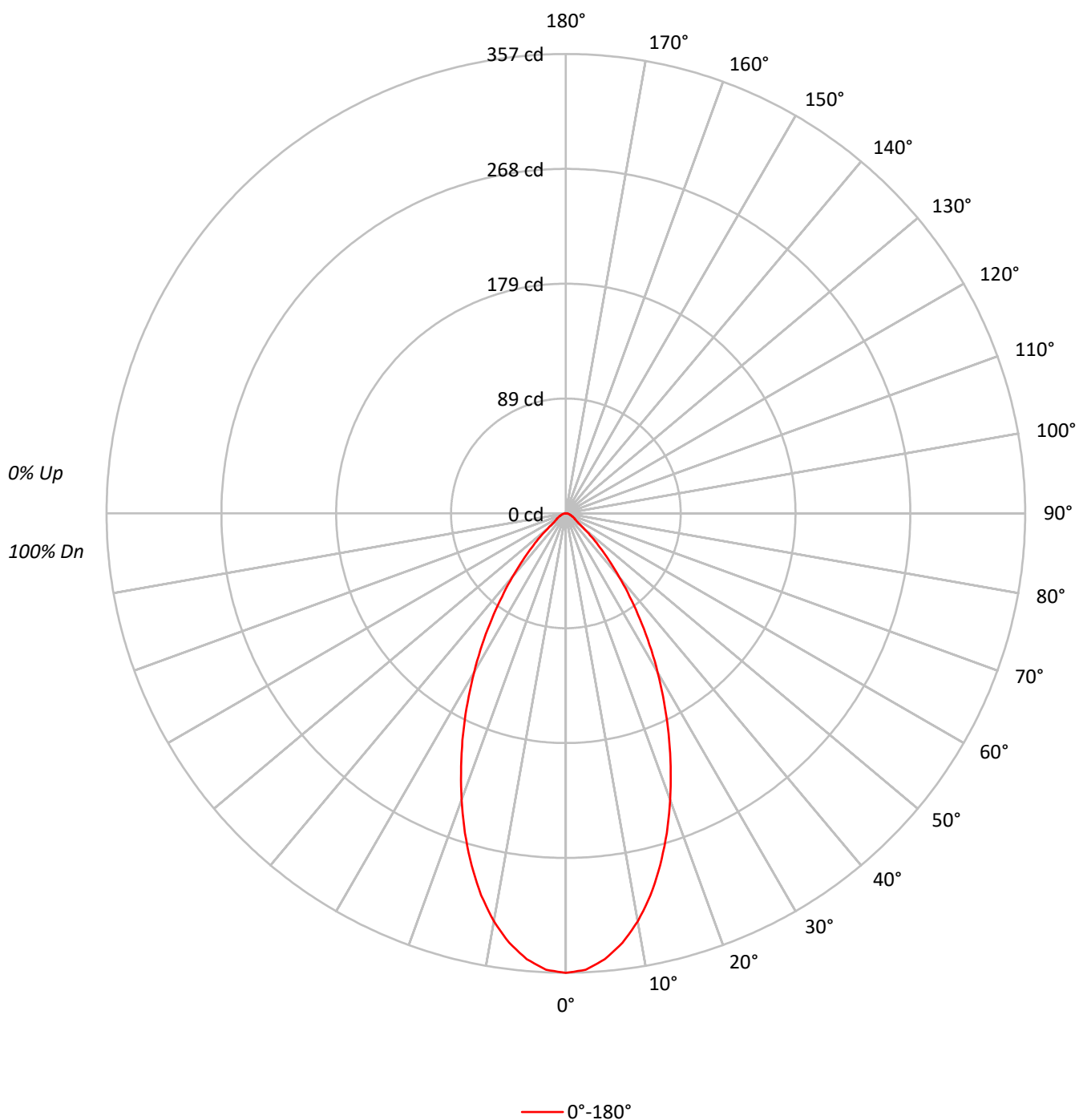
Lumens per Lamp: N/A
Luminaire Lumens: 309.0 lumens
Efficiency: N/A
Efficacy: 52.4 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92		
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	88	86	85		
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	78		
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72		
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66		
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62		
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	58		
8	77	67	60	56	75	66	60	56	65	60	56	64	59	55	63	58	55	54		
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	50		
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	78305
5°	76557
10°	71675
15°	64291
20°	55281
25°	45728
30°	36132
35°	26823
40°	18463
45°	11598
50°	6379
55°	3747
60°	3333
65°	2854
70°	2436
75°	2542
80°	2147
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11598 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.4	10.5
10°-20°	78.7	25.5
20°-30°	86.3	27.9
30°-40°	62.8	20.3
40°-50°	29.7	9.6
50°-60°	9.7	3.1
60°-70°	5.5	1.8
70°-80°	3.0	1.0
80°-90°	0.9	0.3
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°	197.3	63.9
0°-40°	260.2	84.2
0°-60°	299.6	97.0
0°-90°	309.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	309.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	357	
5°	348	32
15°	283	79
25°	189	86
35°	100	63
45°	37	30
55°	10	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	357.1
2.5°	355.0
5°	347.8
7.5°	336.7
10°	321.9
12.5°	304.0
15°	283.2
17.5°	260.7
20°	236.9
22.5°	212.7
25°	189.0
27.5°	165.2
30°	142.7
32.5°	121.0
35°	100.2
37.5°	81.5
40°	64.5
42.5°	49.7
45°	37.4
47.5°	27.2
50°	18.7
52.5°	12.3
55°	9.8
57.5°	8.5
60°	7.6
62.5°	6.4
65°	5.5
67.5°	4.7
70°	3.8
72.5°	3.4
75°	3.0
77.5°	2.1
80°	1.7
82.5°	1.3
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)