

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: P1283989

Luminaire Tested: P3AS09R60B2750DE010 E3DLP1WH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283989
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R60B2750DE010 E3DLP1WH_3500K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 3500K CCT AND, 80CRI , E3DLP1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

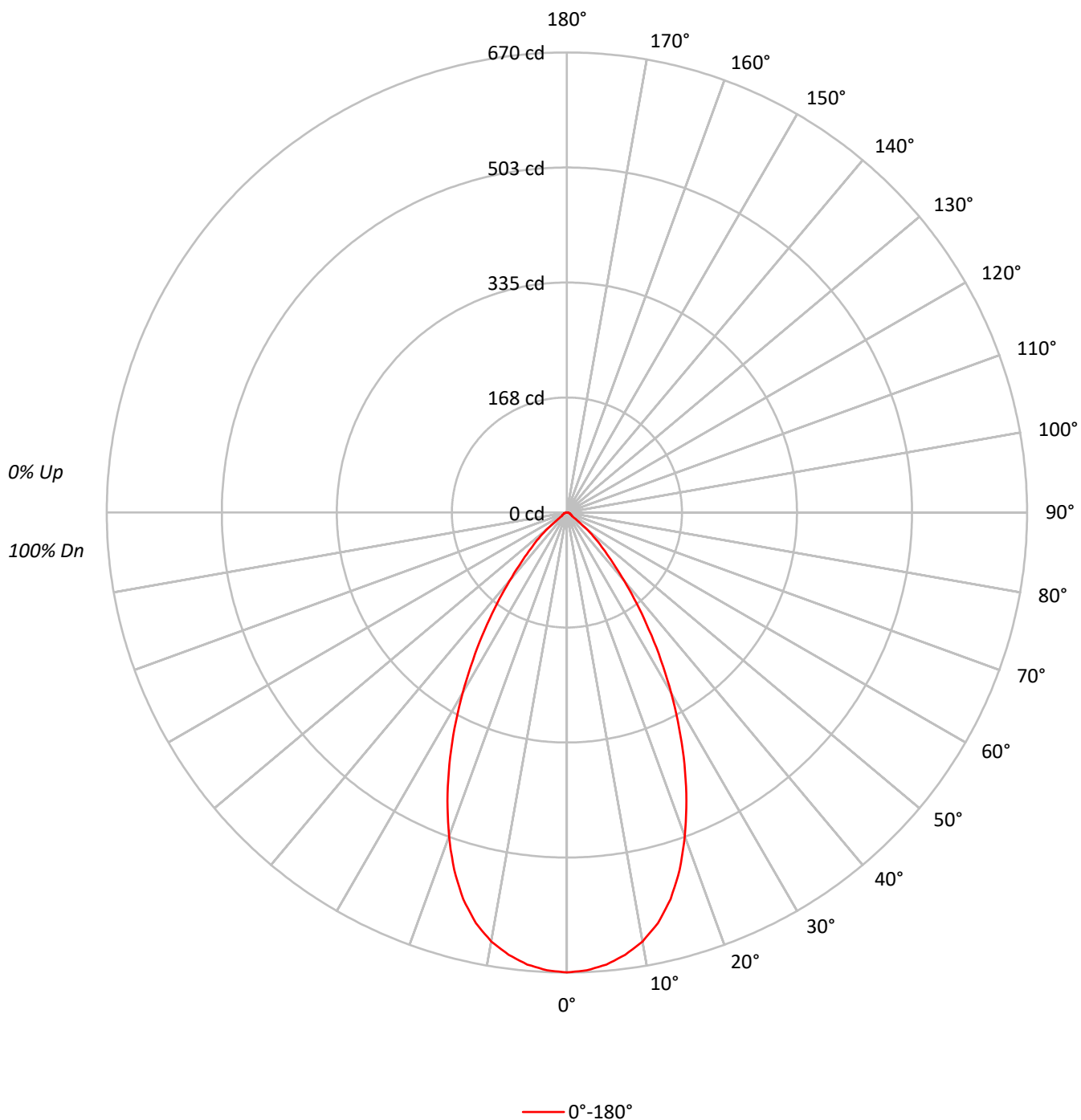
Lumens per Lamp: N/A
Luminaire Lumens: 622.0 lumens
Efficiency: N/A
Efficacy: 47.5 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 13.1
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: P1283989

CATALOG NUMBER: P3AS09R60B2750DE010 E3DLP1WH_3500K

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	113	110	108	105		111	108	106	103		104	102	100		100	99	97		97	96	94		93			
2	107	102	98	94		105	100	96	93		97	94	91		94	91	89		91	89	87		85			
3	101	95	89	85		99	93	88	84		91	86	83		88	85	82		86	83	80		79			
4	96	88	82	78		94	87	81	77		85	80	76		83	79	75		81	77	75		73			
5	91	82	76	71		89	81	75	71		79	74	70		78	73	70		76	72	69		68			
6	86	77	70	66		84	76	70	66		74	69	65		73	68	65		72	68	64		63			
7	82	72	66	61		80	71	65	61		70	65	61		69	64	60		67	63	60		59			
8	77	68	61	57		76	67	61	57		66	60	57		65	60	56		64	59	56		55			
9	74	64	57	53		72	63	57	53		62	57	53		61	56	53		60	56	53		51			
10	70	60	54	50		69	60	54	50		59	53	50		58	53	50		57	53	49		48			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	146874
5°	145476
10°	141235
15°	132328
20°	117120
25°	97990
30°	76797
35°	55707
40°	37069
45°	23103
50°	12520
55°	3632
60°	3377
65°	3061
70°	3013
75°	2965
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23103 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.2	10.0
10°-20°	161.7	26.0
20°-30°	184.3	29.6
30°-40°	130.7	21.0
40°-50°	59.3	9.5
50°-60°	12.6	2.0
60°-70°	6.1	1.0
70°-80°	3.7	0.6
80°-90°	1.3	0.2
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°	408.3	65.6
0°-40°	539.0	86.7
0°-60°	610.9	98.2
0°-90°	622.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	622.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	670	
5°	661	62
15°	583	162
25°	405	184
35°	208	131
45°	74	59
55°	10	13
65°	6	6
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	669.8
2.5°	667.4
5°	660.9
7.5°	649.7
10°	634.3
12.5°	612.5
15°	582.9
17.5°	545.7
20°	501.9
22.5°	454.6
25°	405.0
27.5°	354.1
30°	303.3
32.5°	254.8
35°	208.1
37.5°	166.7
40°	129.5
42.5°	98.1
45°	74.5
47.5°	55.6
50°	36.7
52.5°	17.1
55°	9.5
57.5°	8.3
60°	7.7
62.5°	7.1
65°	5.9
67.5°	5.3
70°	4.7
72.5°	4.1
75°	3.5
77.5°	3.0
80°	2.4
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)