

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: P1280906

Luminaire Tested: P3AS05R15B2750DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1280906
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R15B2750DE010 E3DLD1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 80CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

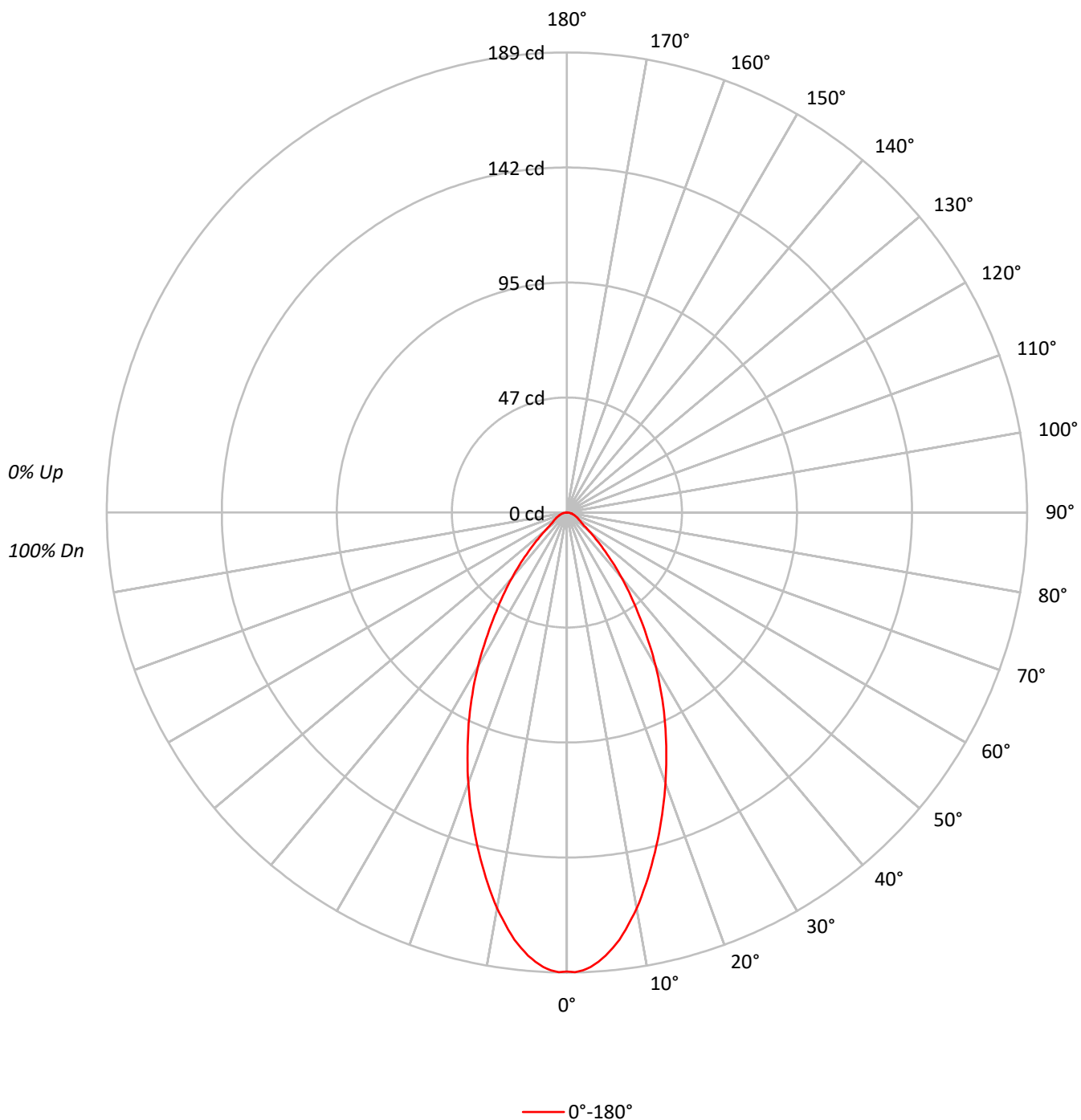
Lumens per Lamp: N/A
Luminaire Lumens: 164.0 lumens
Efficiency: N/A
Efficacy: 27.8 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91			
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83			
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76			
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70			
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	69	66	65			
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60			
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56			
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52			
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	41356
5°	40238
10°	36784
15°	32214
20°	27629
25°	23082
30°	18459
35°	13840
40°	10047
45°	6574
50°	4128
55°	2791
60°	2456
65°	2283
70°	2116
75°	1949
80°	1894
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6574 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.9	10.3
10°-20°	39.5	24.1
20°-30°	43.6	26.6
30°-40°	32.6	19.9
40°-50°	16.9	10.3
50°-60°	7.0	4.3
60°-70°	4.3	2.6
70°-80°	2.5	1.5
80°-90°	0.7	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°	100.0	61.0
0°-40°	132.6	80.9
0°-60°	156.5	95.4
0°-90°	164.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	164.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	189	
5°	183	17
15°	142	40
25°	95	44
35°	52	33
45°	21	17
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	188.6
1°	188.9
2°	188.2
3°	187.0
4°	185.1
5°	182.8
6°	179.9
7°	176.8
8°	173.1
9°	169.1
10°	165.2
12.5°	153.7
15°	141.9
17.5°	130.1
20°	118.4
22.5°	106.6
25°	95.4
27.5°	84.1
30°	72.9
32.5°	61.9
35°	51.7
37.5°	43.0
40°	35.1
42.5°	27.8
45°	21.2
47.5°	16.0
50°	12.1
52.5°	8.9
55°	7.3
57.5°	6.4
60°	5.6
62.5°	5.0
65°	4.4
67.5°	3.7
70°	3.3
72.5°	2.7
75°	2.3
77.5°	1.9
80°	1.5
82.5°	1.0
85°	0.6
87.5°	0.2
90°	0.0

(END OF REPORT)