

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: P1282356

Luminaire Tested: P3AS05R65B2750DE010 E3DL1WMH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282356
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R65B2750DE010 E3DL1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 80CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

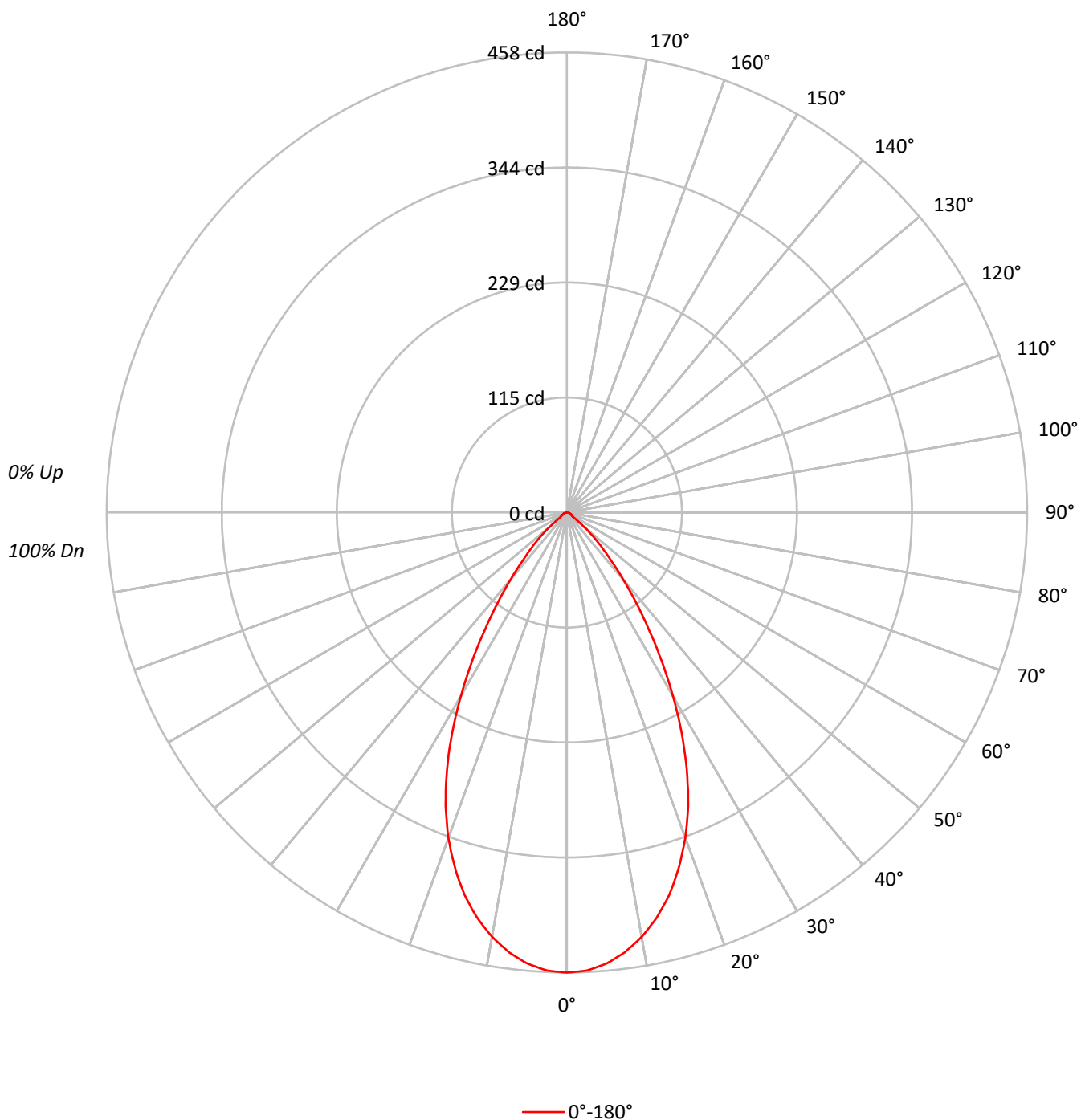
Lumens per Lamp: N/A
Luminaire Lumens: 426.0 lumens
Efficiency: N/A
Efficacy: 72.2 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
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	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	90	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	74	73		
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68		
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63		
7	82	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58		
8	77	67	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°	100452
5°	99251
10°	95500
15°	89444
20°	80460
25°	68327
30°	53426
35°	38066
40°	24904
45°	15412
50°	7812
55°	2753
60°	2412
65°	2439
70°	2180
75°	2118
80°	2147
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15412 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.3	9.9
10°-20°	109.7	25.7
20°-30°	128.2	30.1
30°-40°	89.5	21.0
40°-50°	39.4	9.3
50°-60°	8.8	2.1
60°-70°	4.5	1.0
70°-80°	2.7	0.6
80°-90°	0.9	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°	280.2	65.8
0°-40°	369.7	86.8
0°-60°	417.9	98.1
0°-90°	426.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	426.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	458	
5°	451	42
15°	394	110
25°	282	128
35°	142	90
45°	50	39
55°	7	9
65°	5	4
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	458.1
2.5°	456.5
5°	450.9
7.5°	441.6
10°	428.9
12.5°	413.1
15°	394.0
17.5°	370.7
20°	344.8
22.5°	315.5
25°	282.4
27.5°	247.5
30°	211.0
32.5°	175.8
35°	142.2
37.5°	112.9
40°	87.0
42.5°	65.8
45°	49.7
47.5°	36.5
50°	22.9
52.5°	11.9
55°	7.2
57.5°	6.4
60°	5.5
62.5°	5.1
65°	4.7
67.5°	3.8
70°	3.4
72.5°	3.0
75°	2.5
77.5°	2.1
80°	1.7
82.5°	1.3
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)