

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: P1282352

Luminaire Tested: P3AS05R65B2750DE010 E3DL1WMH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282352
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_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

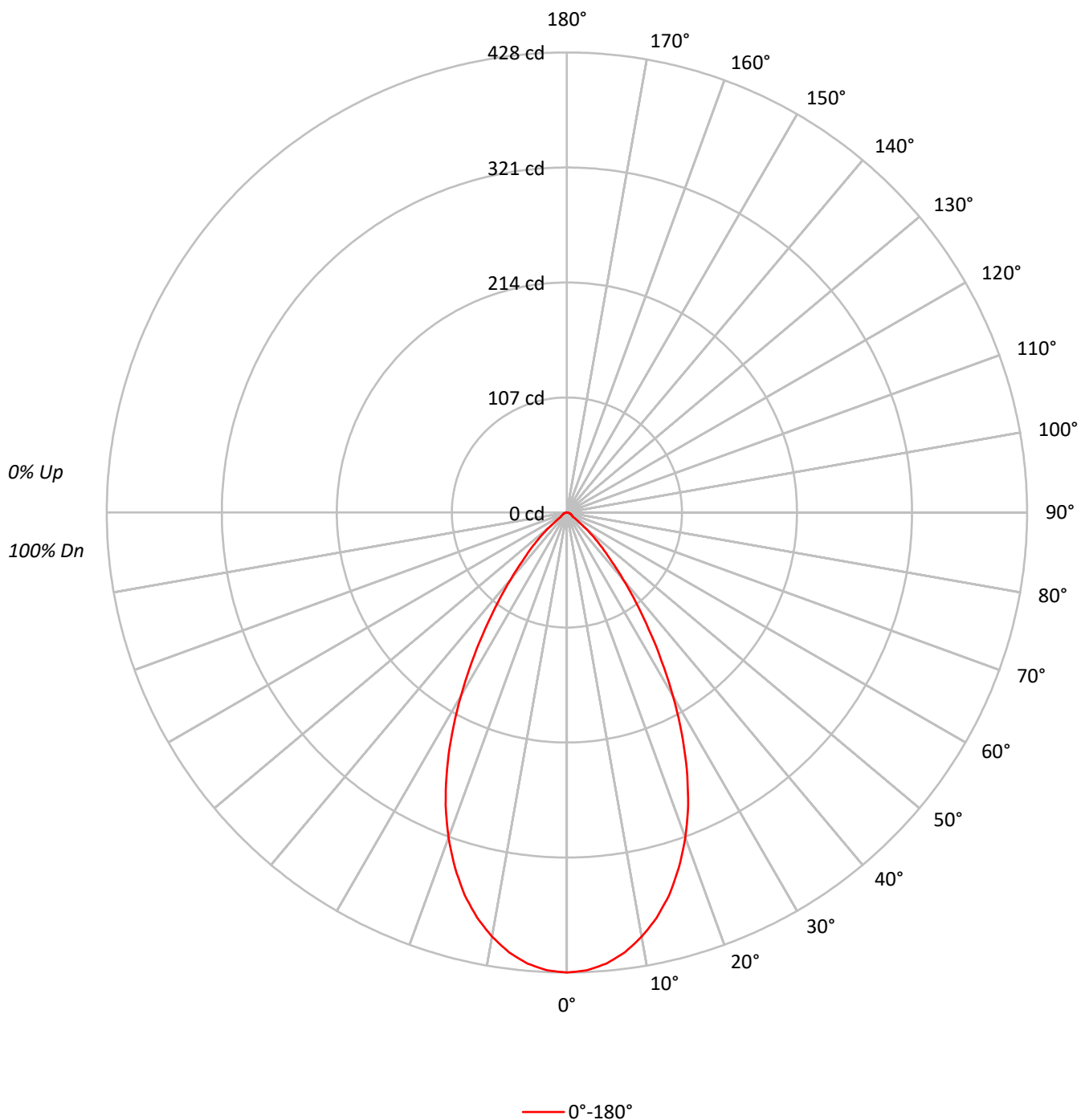
Lumens per Lamp: N/A
Luminaire Lumens: 398.1 lumens
Efficiency: N/A
Efficacy: 67.5 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1282352

CATALOG NUMBER: P3AS05R65B2750DE010 E3DL1WMH_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1282352

CATALOG NUMBER: P3AS05R65B2750DE010 E3DL1WMH_2700K

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	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		71	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	59	54	50	59	53	50		58	53	50		57	53	49	48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	93852
5°	92736
10°	89221
15°	83565
20°	75163
25°	63826
30°	49932
35°	35576
40°	23272
45°	14389
50°	7300
55°	2561
60°	2281
65°	2283
70°	2052
75°	2033
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 14389 cd/sqm

TEST NUMBER: P1282352

CATALOG NUMBER: P3AS05R65B2750DE010 E3DL1WMH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.6	9.9
10°-20°	102.5	25.7
20°-30°	119.7	30.1
30°-40°	83.7	21.0
40°-50°	36.8	9.3
50°-60°	8.2	2.1
60°-70°	4.2	1.1
70°-80°	2.5	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°	261.7	65.8
0°-40°	345.4	86.8
0°-60°	390.4	98.1
0°-90°	398.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	398.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	428	
5°	421	40
15°	368	102
25°	264	120
35°	133	84
45°	46	37
55°	7	8
65°	4	4
75°	2	3
85°	1	1
90°	0	

TEST NUMBER: P1282352

CATALOG NUMBER: P3AS05R65B2750DE010 E3DL1WMH_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	428.0
2.5°	426.4
5°	421.3
7.5°	412.6
10°	400.7
12.5°	386.0
15°	368.1
17.5°	346.3
20°	322.1
22.5°	294.7
25°	263.8
27.5°	231.3
30°	197.2
32.5°	164.2
35°	132.9
37.5°	105.5
40°	81.3
42.5°	61.5
45°	46.4
47.5°	34.1
50°	21.4
52.5°	11.1
55°	6.7
57.5°	6.0
60°	5.2
62.5°	4.8
65°	4.4
67.5°	3.6
70°	3.2
72.5°	2.8
75°	2.4
77.5°	2.0
80°	1.6
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)