

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: P1281986

Luminaire Tested: P3AS05R55B2750DE010 E3CB1MB_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281986
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-36)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R55B2750DE010 E3CB1MB_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 5000K CCT AND, 80CRI , E3CB1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

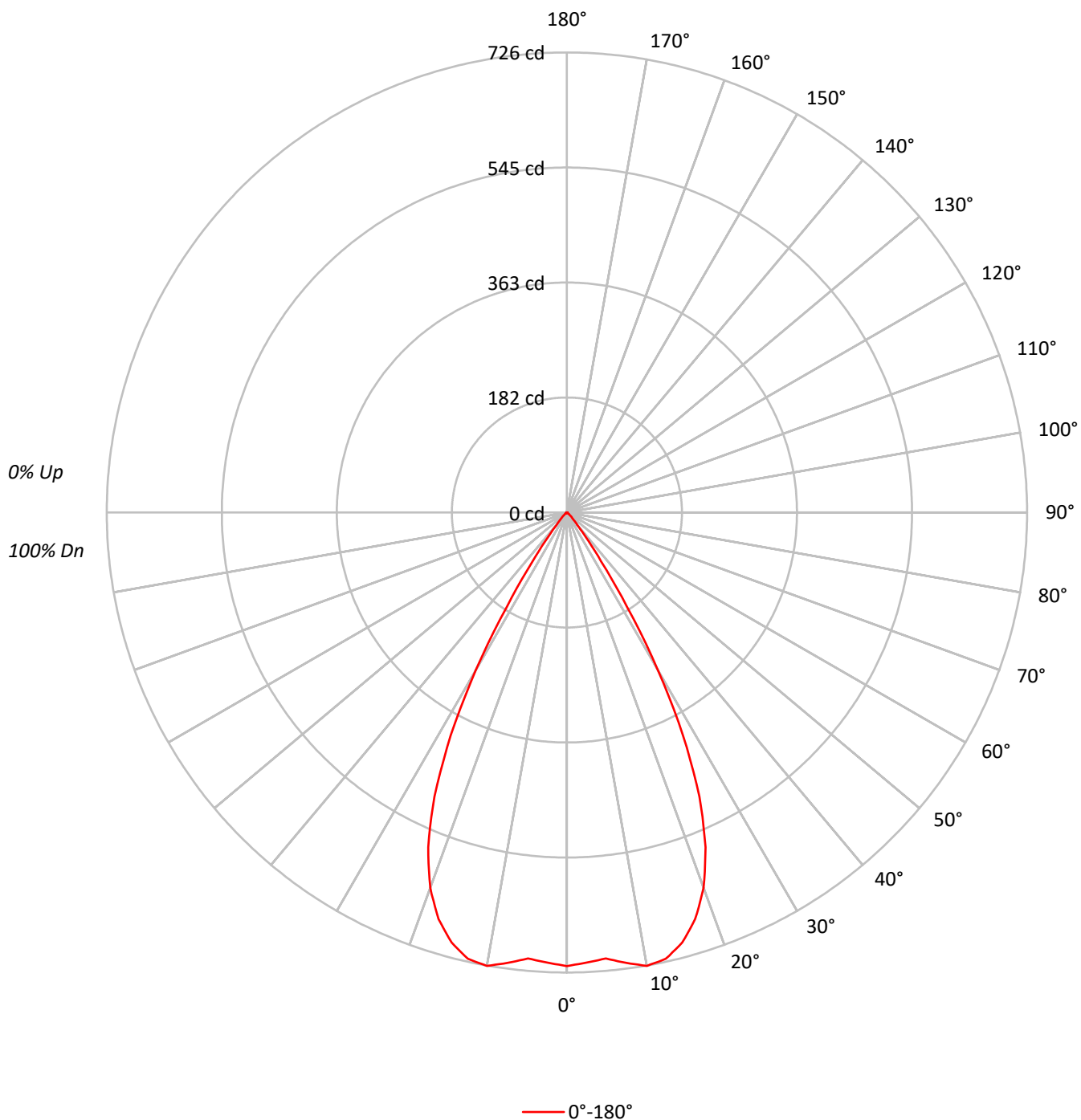
Lumens per Lamp: N/A
Luminaire Lumens: 566.1 lumens
Efficiency: N/A
Efficacy: 95.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1281986

CATALOG NUMBER: P3AS05R55B2750DE010 E3CB1MB_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1281986

CATALOG NUMBER: P3AS05R55B2750DE010 E3CB1MB_5000K

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	114	111	109	107	112	109	107	105	105	104	102		101	100	99		98	97	96	94
2	109	104	101	98	107	103	99	96	100	97	94		97	94	92		94	92	90	89
3	104	98	94	90	102	97	93	89	94	91	88		92	89	86		90	87	85	84
4	99	92	87	84	98	91	87	83	89	85	82		87	84	81		85	83	80	79
5	95	87	82	78	93	86	81	78	85	80	77		83	79	76		82	78	76	74
6	91	83	77	73	89	82	77	73	80	76	72		79	75	72		78	74	72	70
7	87	78	73	69	85	78	72	69	76	72	68		75	71	68		74	70	68	66
8	83	74	69	65	82	74	68	65	73	68	65		72	67	64		71	67	64	63
9	79	71	65	61	78	70	65	61	69	64	61		68	64	61		68	64	61	60
10	76	67	62	58	75	67	62	58	66	61	58		65	61	58		65	61	58	57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	156983
5°	155514
10°	161765
15°	159524
20°	147106
25°	119692
30°	72695
35°	25163
40°	7185
45°	3442
50°	1467
55°	650
60°	746
65°	675
70°	577
75°	763
80°	505
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3442 cd/sqm

TEST NUMBER: P1281986

CATALOG NUMBER: P3AS05R55B2750DE010 E3CB1MB_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.3	12.1
10°-20°	195.3	34.5
20°-30°	217.7	38.5
30°-40°	71.2	12.6
40°-50°	9.4	1.7
50°-60°	2.0	0.4
60°-70°	1.2	0.2
70°-80°	0.8	0.1
80°-90°	0.2	0.0
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°	481.3	85.0
0°-40°	552.6	97.6
0°-60°	564.0	99.6
0°-90°	566.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	566.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	716	
5°	706	68
15°	703	195
25°	495	218
35°	94	71
45°	11	9
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1281986

CATALOG NUMBER: P3AS05R55B2750DE010 E3CB1MB_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	715.9
2.5°	710.8
5°	706.5
7.5°	716.8
10°	726.5
12.5°	721.4
15°	702.7
17.5°	672.9
20°	630.4
22.5°	571.7
25°	494.7
27.5°	396.9
30°	287.1
32.5°	176.1
35°	94.0
37.5°	47.6
40°	25.1
42.5°	16.2
45°	11.1
47.5°	7.7
50°	4.3
52.5°	2.6
55°	1.7
57.5°	1.7
60°	1.7
62.5°	1.3
65°	1.3
67.5°	0.9
70°	0.9
72.5°	0.9
75°	0.9
77.5°	0.4
80°	0.4
82.5°	0.4
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)