

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: P1290937

Luminaire Tested: P3A05R65W2N902750DE010 E3CD1MB_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290937
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R65W2N902750DE010 E3CD1MB_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 90CRI ,
E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

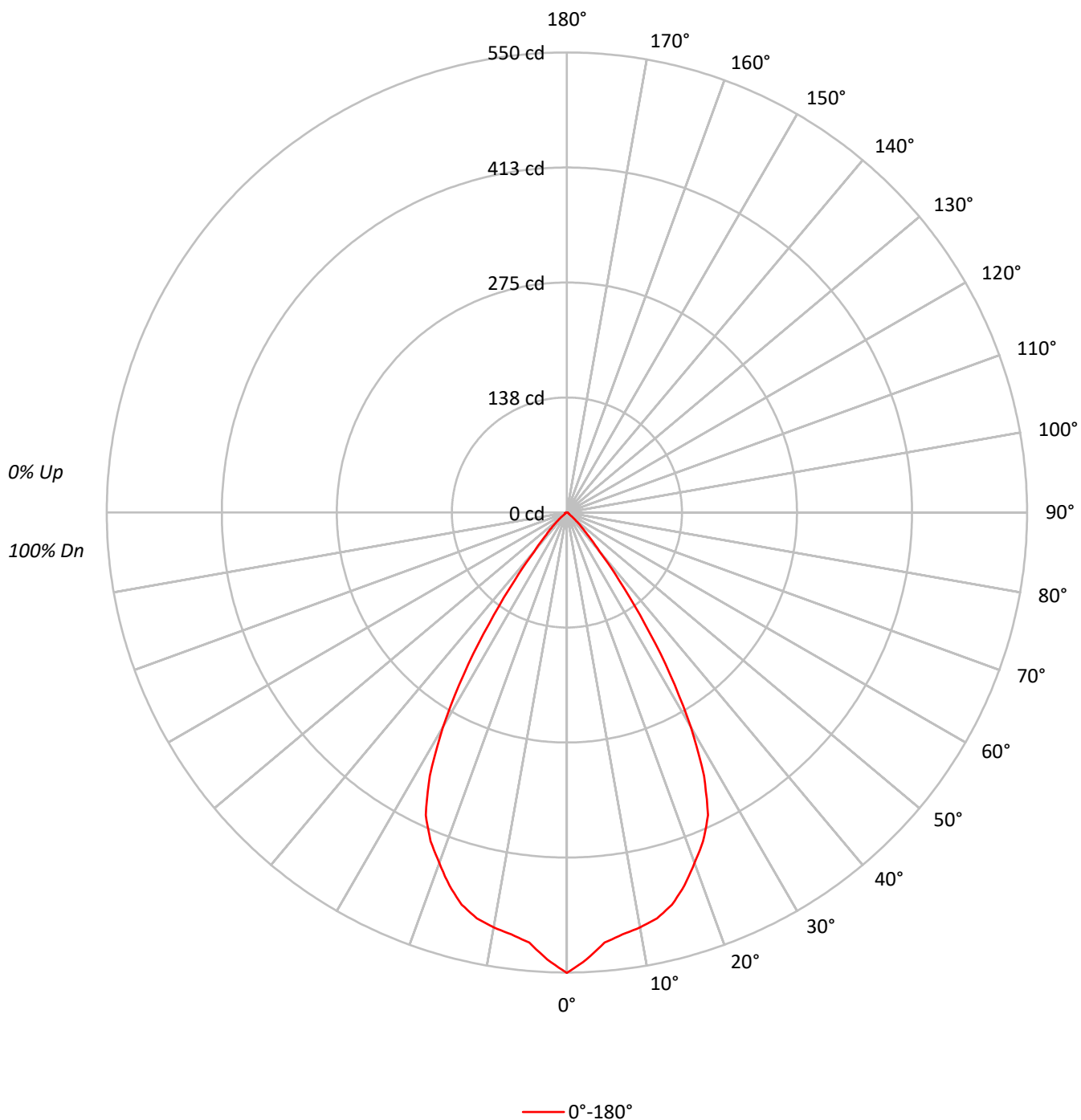
Lumens per Lamp: N/A
Luminaire Lumens: 494.0 lumens
Efficiency: N/A
Efficacy: 83.7 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1290937

CATALOG NUMBER: P3A05R65W2N902750DE010 E3CD1MB_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1290937

CATALOG NUMBER: P3A05R65W2N902750DE010 E3CD1MB_5000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	101	98	95	98	95	93		95	93	91		92
3	103	96	91	87	101	95	90	87	92	88	85		90	87	84		88
4	97	90	84	80	96	89	84	80	87	82	79		85	81	78		83
5	93	84	78	74	91	83	78	74	82	77	73		80	76	73		78
6	88	79	73	69	86	78	73	69	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	69	64	60	68	63	60		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		60	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	120714
5°	113625
10°	112178
15°	110194
20°	104052
25°	96562
30°	75050
35°	43420
40°	17490
45°	8063
50°	3138
55°	1223
60°	1053
65°	1038
70°	1026
75°	1017
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8063 cd/sqm

TEST NUMBER: P1290937

CATALOG NUMBER: P3A05R65W2N902750DE010 E3CD1MB_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.1	9.9
10°-20°	135.6	27.4
20°-30°	177.4	35.9
30°-40°	102.8	20.8
40°-50°	22.0	4.5
50°-60°	3.6	0.7
60°-70°	2.0	0.4
70°-80°	1.2	0.2
80°-90°	0.4	0.1
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°	362.1	73.3
0°-40°	464.8	94.1
0°-60°	490.4	99.3
0°-90°	494.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	494.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	550	
5°	516	49
15°	485	136
25°	399	177
35°	162	103
45°	26	22
55°	3	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1290937

CATALOG NUMBER: P3A05R65W2N902750DE010 E3CD1MB_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	550.5
2.5°	535.0
5°	516.2
7.5°	508.6
10°	503.8
12.5°	497.0
15°	485.4
17.5°	467.4
20°	445.9
22.5°	425.5
25°	399.1
27.5°	354.8
30°	296.4
32.5°	229.7
35°	162.2
37.5°	102.7
40°	61.1
42.5°	38.4
45°	26.0
47.5°	16.8
50°	9.2
52.5°	4.4
55°	3.2
57.5°	2.8
60°	2.4
62.5°	2.4
65°	2.0
67.5°	1.6
70°	1.6
72.5°	1.2
75°	1.2
77.5°	0.8
80°	0.8
82.5°	0.4
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)