

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: P1291082

Luminaire Tested: P3A05R65W2N902765DE010 E3CD1MB_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291082
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: P3A05R65W2N902765DE010 E3CD1MB_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 3000K CCT AND, 90CRI ,
E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

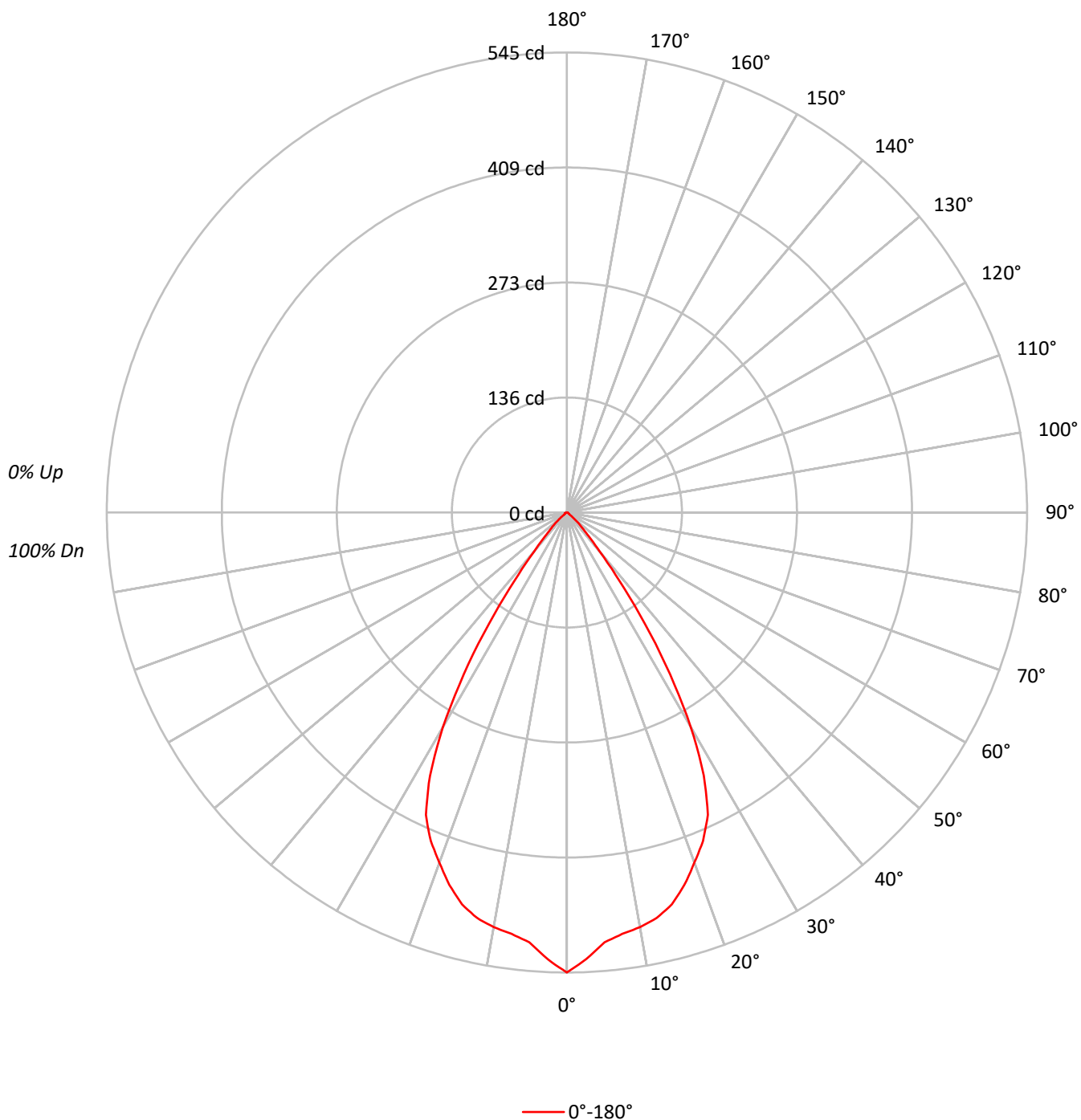
Lumens per Lamp: N/A
Luminaire Lumens: 489.1 lumens
Efficiency: N/A
Efficacy: 82.9 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1291082

CATALOG NUMBER: P3A05R65W2N902765DE010 E3CD1MB_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1291082

CATALOG NUMBER: P3A05R65W2N902765DE010 E3CD1MB_3000K

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	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	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	93		
2	108	103	99	96	106	101	98	95	98	95	93	95	93	91	92	90	89	87		
3	103	96	91	87	101	95	90	87	92	88	85	90	87	84	87	85	83	81		
4	97	90	84	80	96	89	84	80	87	82	79	85	81	78	83	80	77	75		
5	93	84	78	74	91	83	78	74	81	77	73	80	76	73	78	75	72	70		
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66		
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62		
8	79	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58		
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54		
10	72	63	57	53	71	62	57	53	61	56	53	60	56	53	60	55	52	51		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	119508
5°	112480
10°	111042
15°	109081
20°	103002
25°	95594
30°	74290
35°	42991
40°	17318
45°	7970
50°	3104
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: 7970 cd/sqm

TEST NUMBER: P1291082

CATALOG NUMBER: P3A05R65W2N902765DE010 E3CD1MB_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.6	9.9
10°-20°	134.2	27.4
20°-30°	175.7	35.9
30°-40°	101.7	20.8
40°-50°	21.8	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°	358.4	73.3
0°-40°	460.1	94.1
0°-60°	485.5	99.3
0°-90°	489.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	489.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	545	
5°	511	49
15°	480	134
25°	395	176
35°	161	102
45°	26	22
55°	3	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1291082

CATALOG NUMBER: P3A05R65W2N902765DE010 E3CD1MB_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	545.0
2.5°	529.5
5°	511.0
7.5°	503.4
10°	498.7
12.5°	492.0
15°	480.5
17.5°	462.7
20°	441.4
22.5°	421.2
25°	395.1
27.5°	351.2
30°	293.4
32.5°	227.4
35°	160.6
37.5°	101.6
40°	60.5
42.5°	38.0
45°	25.7
47.5°	16.6
50°	9.1
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)