

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: P1290974

Luminaire Tested: P3AS05R65W2N902750DE010 E3DL1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290974
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: P3AS05R65W2N902750DE010 E3DL1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 3000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

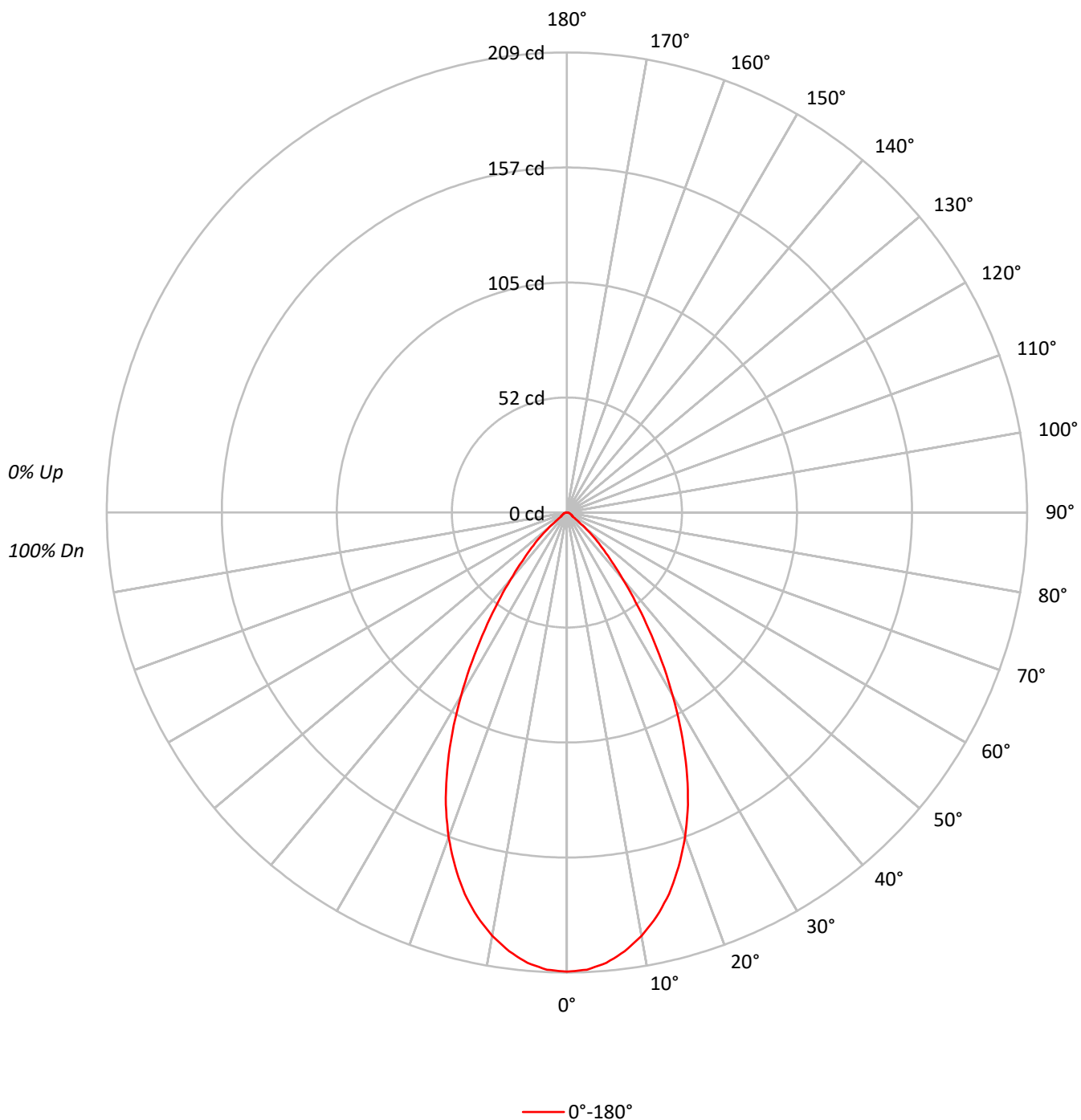
Lumens per Lamp: N/A
Luminaire Lumens: 194.0 lumens
Efficiency: N/A
Efficacy: 32.9 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1290974

CATALOG NUMBER: P3AS05R65W2N902750DE010 E3DL1GPH_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1290974

CATALOG NUMBER: P3AS05R65W2N902750DE010 E3DL1GPH_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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		67
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	45742
5°	45212
10°	43486
15°	40727
20°	36637
25°	31115
30°	24333
35°	17346
40°	11336
45°	7008
50°	3548
55°	1262
60°	1096
65°	1090
70°	962
75°	1017
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7008 cd/sqm

TEST NUMBER: P1290974

CATALOG NUMBER: P3AS05R65W2N902750DE010 E3DL1GPH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.3	9.9
10°-20°	49.9	25.7
20°-30°	58.4	30.1
30°-40°	40.8	21.0
40°-50°	17.9	9.2
50°-60°	4.0	2.1
60°-70°	2.0	1.0
70°-80°	1.3	0.6
80°-90°	0.4	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°	127.6	65.8
0°-40°	168.4	86.8
0°-60°	190.3	98.1
0°-90°	194.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	194.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	209	
5°	205	19
15°	179	50
25°	129	58
35°	65	41
45°	23	18
55°	3	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1290974

CATALOG NUMBER: P3AS05R65W2N902750DE010 E3DL1GPH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	208.6
2.5°	207.9
5°	205.4
7.5°	201.1
10°	195.3
12.5°	188.1
15°	179.4
17.5°	168.8
20°	157.0
22.5°	143.7
25°	128.6
27.5°	112.7
30°	96.1
32.5°	80.1
35°	64.8
37.5°	51.4
40°	39.6
42.5°	30.0
45°	22.6
47.5°	16.6
50°	10.4
52.5°	5.4
55°	3.3
57.5°	2.9
60°	2.5
62.5°	2.3
65°	2.1
67.5°	1.7
70°	1.5
72.5°	1.4
75°	1.2
77.5°	1.0
80°	0.8
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)