

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: P1290973

Luminaire Tested: P3A05R65W2N902750DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290973
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: P3A05R65W2N902750DE010 E3DL1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 2700K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

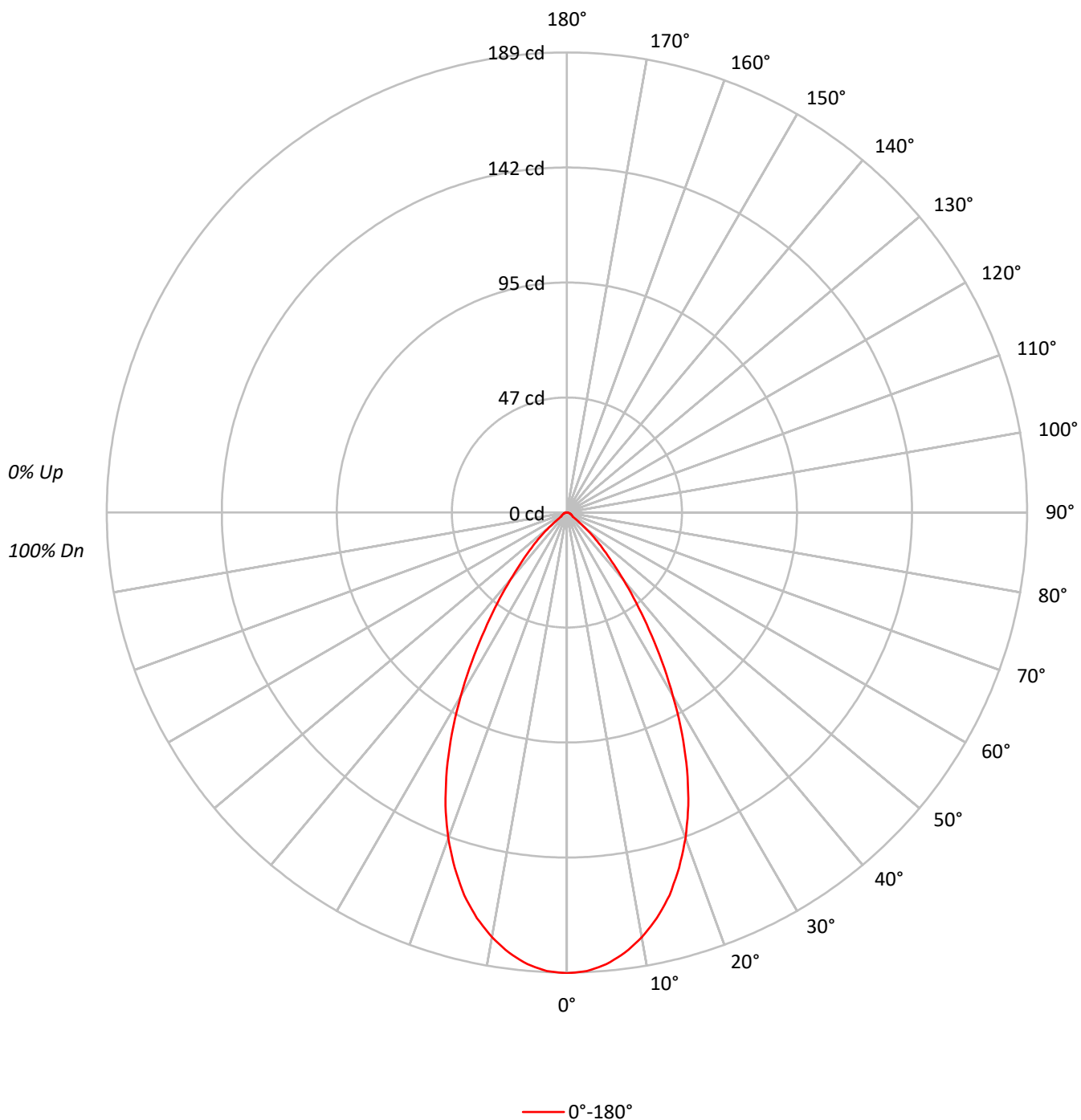
Lumens per Lamp: N/A
Luminaire Lumens: 176.0 lumens
Efficiency: N/A
Efficacy: 29.8 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1290973

CATALOG NUMBER: P3A05R65W2N902750DE010 E3DL1GPH_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1290973

CATALOG NUMBER: P3A05R65W2N902750DE010 E3DL1GPH_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	81	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°	41510
5°	41008
10°	39456
15°	36958
20°	33230
25°	28236
30°	22079
35°	15740
40°	10305
45°	6357
50°	3241
55°	1147
60°	1009
65°	986
70°	898
75°	932
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6357 cd/sqm

TEST NUMBER: P1290973

CATALOG NUMBER: P3A05R65W2N902750DE010 E3DL1GPH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.5	9.9
10°-20°	45.3	25.7
20°-30°	53.0	30.1
30°-40°	37.0	21.0
40°-50°	16.3	9.3
50°-60°	3.6	2.1
60°-70°	1.8	1.0
70°-80°	1.1	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°	115.7	65.8
0°-40°	152.8	86.8
0°-60°	172.7	98.1
0°-90°	176.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	176.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	189	
5°	186	17
15°	163	45
25°	117	53
35°	59	37
45°	20	16
55°	3	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1290973

CATALOG NUMBER: P3A05R65W2N902750DE010 E3DL1GPH_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	189.3
2.5°	188.6
5°	186.3
7.5°	182.4
10°	177.2
12.5°	170.7
15°	162.8
17.5°	153.1
20°	142.4
22.5°	130.3
25°	116.7
27.5°	102.3
30°	87.2
32.5°	72.6
35°	58.8
37.5°	46.7
40°	36.0
42.5°	27.2
45°	20.5
47.5°	15.1
50°	9.5
52.5°	4.9
55°	3.0
57.5°	2.6
60°	2.3
62.5°	2.1
65°	1.9
67.5°	1.6
70°	1.4
72.5°	1.2
75°	1.1
77.5°	0.9
80°	0.7
82.5°	0.5
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)