

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: P1291169

Luminaire Tested: P3A05R65W2N902765DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291169
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R65W2N902765DE010 E3DLD1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

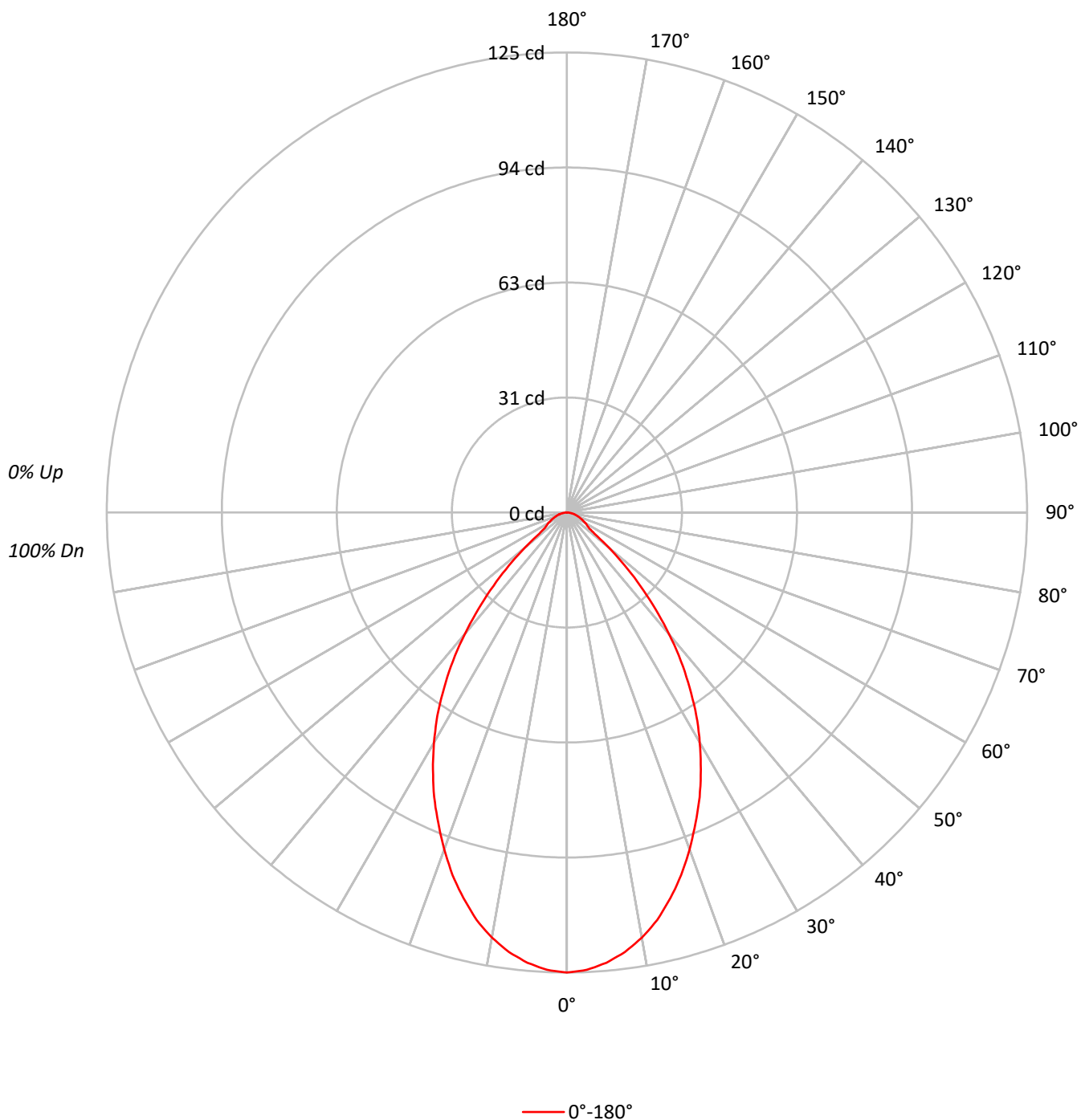
Lumens per Lamp: N/A
Luminaire Lumens: 154.0 lumens
Efficiency: N/A
Efficacy: 26.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1291169

CATALOG NUMBER: P3A05R65W2N902765DE010 E3DLD1GPH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1291169

CATALOG NUMBER: P3A05R65W2N902765DE010 E3DLD1GPH_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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95	94	93	91
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88	86	84	82
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82	78	76	74
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76	72	69	67
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71	66	63	61
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66	61	58	56
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61	57	53	51
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58	53	49	47
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51	46	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	27410
5°	27031
10°	26118
15°	24631
20°	22729
25°	20638
30°	18281
35°	15553
40°	12366
45°	8745
50°	5083
55°	2753
60°	2588
65°	2335
70°	2116
75°	1949
80°	1768
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8745 cd/sqm

TEST NUMBER: P1291169

CATALOG NUMBER: P3A05R65W2N902765DE010 E3DLD1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.6	7.5
10°-20°	30.4	19.7
20°-30°	39.0	25.3
30°-40°	36.1	23.4
40°-50°	21.8	14.2
50°-60°	7.4	4.8
60°-70°	4.5	2.9
70°-80°	2.5	1.6
80°-90°	0.7	0.5
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°	80.9	52.5
0°-40°	117.1	76.0
0°-60°	146.3	95.0
0°-90°	154.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	154.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	125	
5°	123	12
15°	108	30
25°	85	39
35°	58	36
45°	28	22
55°	7	7
65°	4	4
75°	2	3
85°	1	1
90°	0	



TEST NUMBER: P1291169

CATALOG NUMBER: P3A05R65W2N902765DE010 E3DLD1GPH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	125.0
2.5°	124.4
5°	122.8
7.5°	120.5
10°	117.3
12.5°	113.4
15°	108.5
17.5°	103.3
20°	97.4
22.5°	91.3
25°	85.3
27.5°	78.8
30°	72.2
32.5°	65.5
35°	58.1
37.5°	50.9
40°	43.2
42.5°	35.6
45°	28.2
47.5°	21.3
50°	14.9
52.5°	9.4
55°	7.2
57.5°	6.5
60°	5.9
62.5°	5.1
65°	4.5
67.5°	3.9
70°	3.3
72.5°	2.9
75°	2.3
77.5°	2.0
80°	1.4
82.5°	1.0
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)