

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: P1291132

Luminaire Tested: P3A05R65W2N902765DE010 E3DL1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291132
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: P3A05R65W2N902765DE010 E3DL1GPH_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 4000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

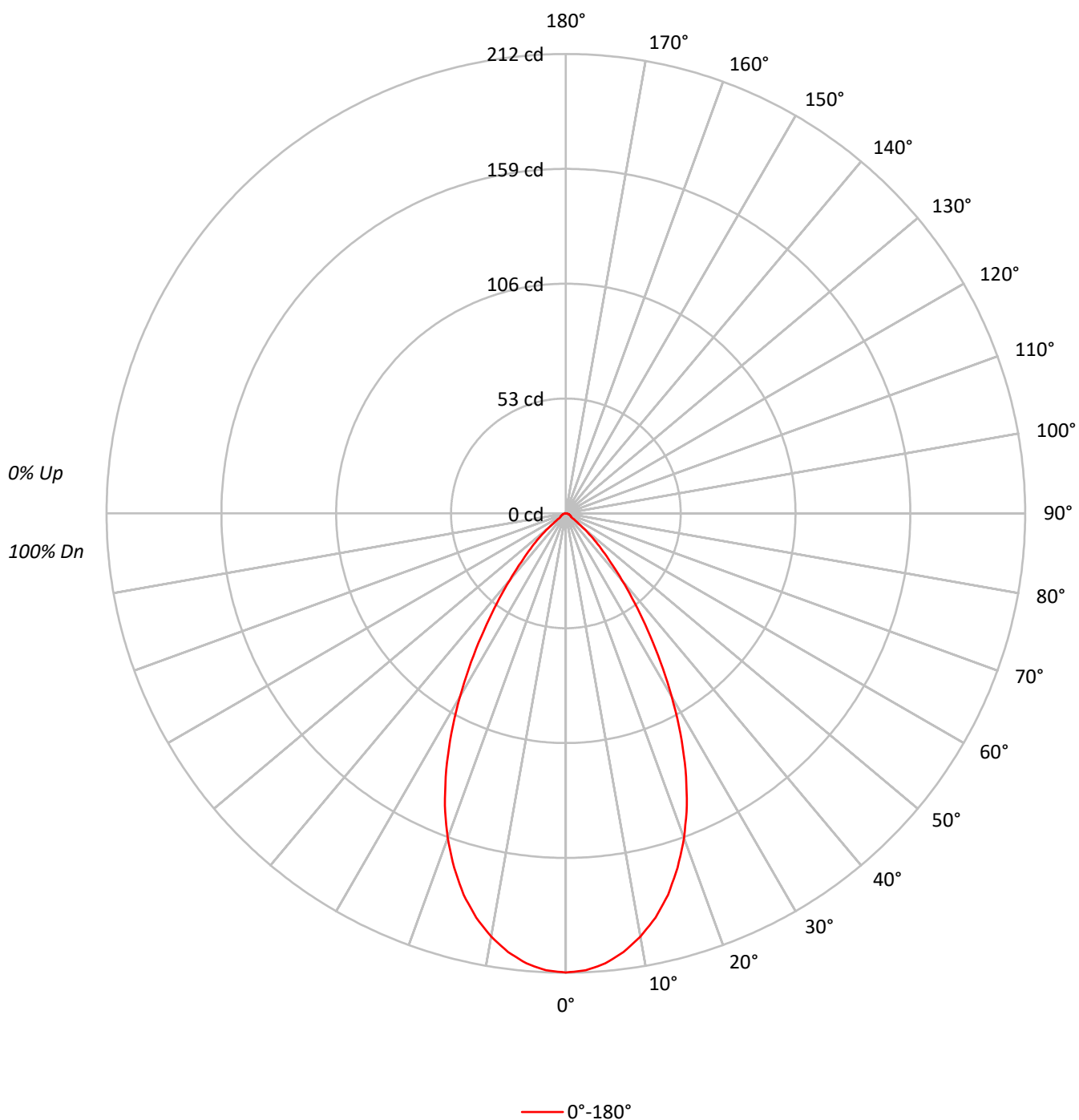
Lumens per Lamp: N/A
Luminaire Lumens: 197.1 lumens
Efficiency: N/A
Efficacy: 33.4 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1291132

CATALOG NUMBER: P3A05R65W2N902765DE010 E3DL1GPH_4000K

Luminous Intensity Polar Plot





TEST NUMBER: P1291132

CATALOG NUMBER: P3A05R65W2N902765DE010 E3DL1GPH_4000K

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	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	65	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	63	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°	46466
5°	45895
10°	44154
15°	41362
20°	37197
25°	31599
30°	24713
35°	17614
40°	11536
45°	7133
50°	3616
55°	1262
60°	1140
65°	1141
70°	1026
75°	1017
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7133 cd/sqm

TEST NUMBER: P1291132

CATALOG NUMBER: P3A05R65W2N902765DE010 E3DL1GPH_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.6	9.9
10°-20°	50.7	25.7
20°-30°	59.3	30.1
30°-40°	41.4	21.0
40°-50°	18.2	9.3
50°-60°	4.0	2.1
60°-70°	2.1	1.1
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°	129.6	65.7
0°-40°	171.0	86.8
0°-60°	193.3	98.1
0°-90°	197.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	197.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	212	
5°	208	20
15°	182	51
25°	131	59
35°	66	41
45°	23	18
55°	3	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1291132

CATALOG NUMBER: P3A05R65W2N902765DE010 E3DL1GPH_4000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	211.9
2.5°	211.1
5°	208.5
7.5°	204.2
10°	198.3
12.5°	191.1
15°	182.2
17.5°	171.4
20°	159.4
22.5°	145.9
25°	130.6
27.5°	114.5
30°	97.6
32.5°	81.3
35°	65.8
37.5°	52.2
40°	40.3
42.5°	30.4
45°	23.0
47.5°	16.9
50°	10.6
52.5°	5.5
55°	3.3
57.5°	2.9
60°	2.6
62.5°	2.4
65°	2.2
67.5°	1.8
70°	1.6
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)