

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: P1291453

Luminaire Tested: P3A05R70W2N902765DE010 E3DL1WH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291453
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R70W2N902765DE010 E3DL1WH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

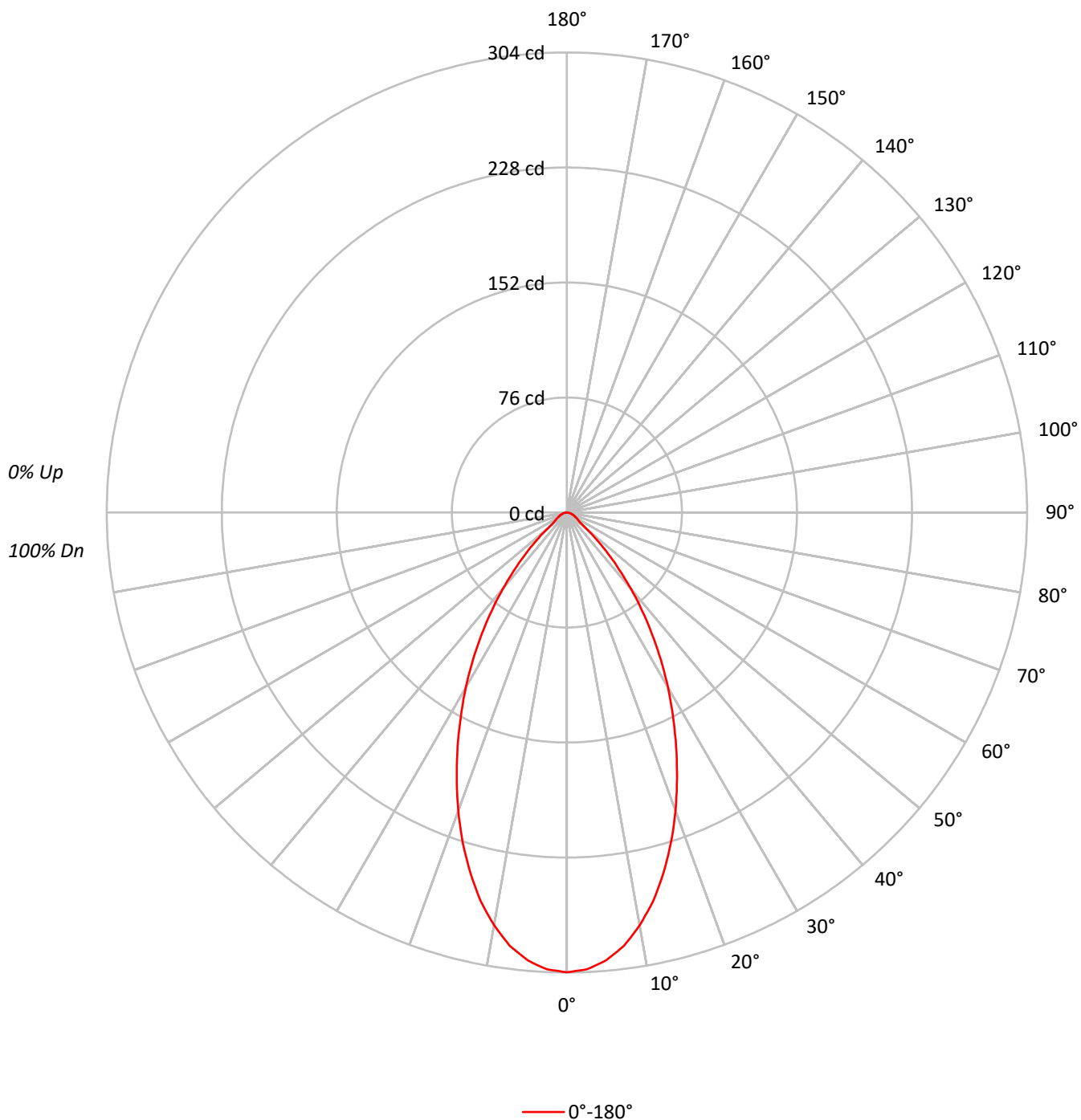
Lumens per Lamp: N/A
Luminaire Lumens: 284.1 lumens
Efficiency: N/A
Efficacy: 48.1 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1291453

CATALOG NUMBER: P3A05R70W2N902765DE010 E3DL1WH_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1291453

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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	104	110	107	105	103	103	101	100		100	98	97		96	95	94		92
2	106	101	97	93	104	99	95	92	96	93	90		93	90	88		90	88	86		84
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84	81	79		77
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79	76	73		71
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74	70	67		65
6	85	75	68	64	83	74	68	63	73	67	63		71	66	63		70	65	62		61
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66	61	58		56
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62	57	54		52
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58	54	50		49
10	69	58	52	48	67	58	52	48	57	51	48		56	51	47		55	51	47		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	66617
5°	65397
10°	61656
15°	55959
20°	48958
25°	41301
30°	33803
35°	26234
40°	18778
45°	11877
50°	5936
55°	3632
60°	3114
65°	2854
70°	2565
75°	2372
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11877 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.7	9.8
10°-20°	68.6	24.1
20°-30°	78.1	27.5
30°-40°	61.1	21.5
40°-50°	30.0	10.6
50°-60°	9.2	3.3
60°-70°	5.5	1.9
70°-80°	3.0	1.0
80°-90°	0.9	0.3
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°	174.4	61.4
0°-40°	235.5	82.9
0°-60°	274.8	96.7
0°-90°	284.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	284.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	304	
5°	297	28
15°	246	69
25°	171	78
35°	98	61
45°	38	30
55°	10	9
65°	6	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	303.8
2.5°	302.2
5°	297.1
7.5°	288.8
10°	276.9
12.5°	263.1
15°	246.5
17.5°	228.7
20°	209.8
22.5°	190.0
25°	170.7
27.5°	151.7
30°	133.5
32.5°	115.4
35°	98.0
37.5°	81.4
40°	65.6
42.5°	51.0
45°	38.3
47.5°	26.9
50°	17.4
52.5°	11.5
55°	9.5
57.5°	8.3
60°	7.1
62.5°	6.3
65°	5.5
67.5°	4.7
70°	4.0
72.5°	3.2
75°	2.8
77.5°	2.4
80°	1.6
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)