

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: P1298623

Luminaire Tested: P3A13R65W2N902750DE010 E3DLP1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298623
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R65W2N902750DE010 E3DLP1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 2700K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

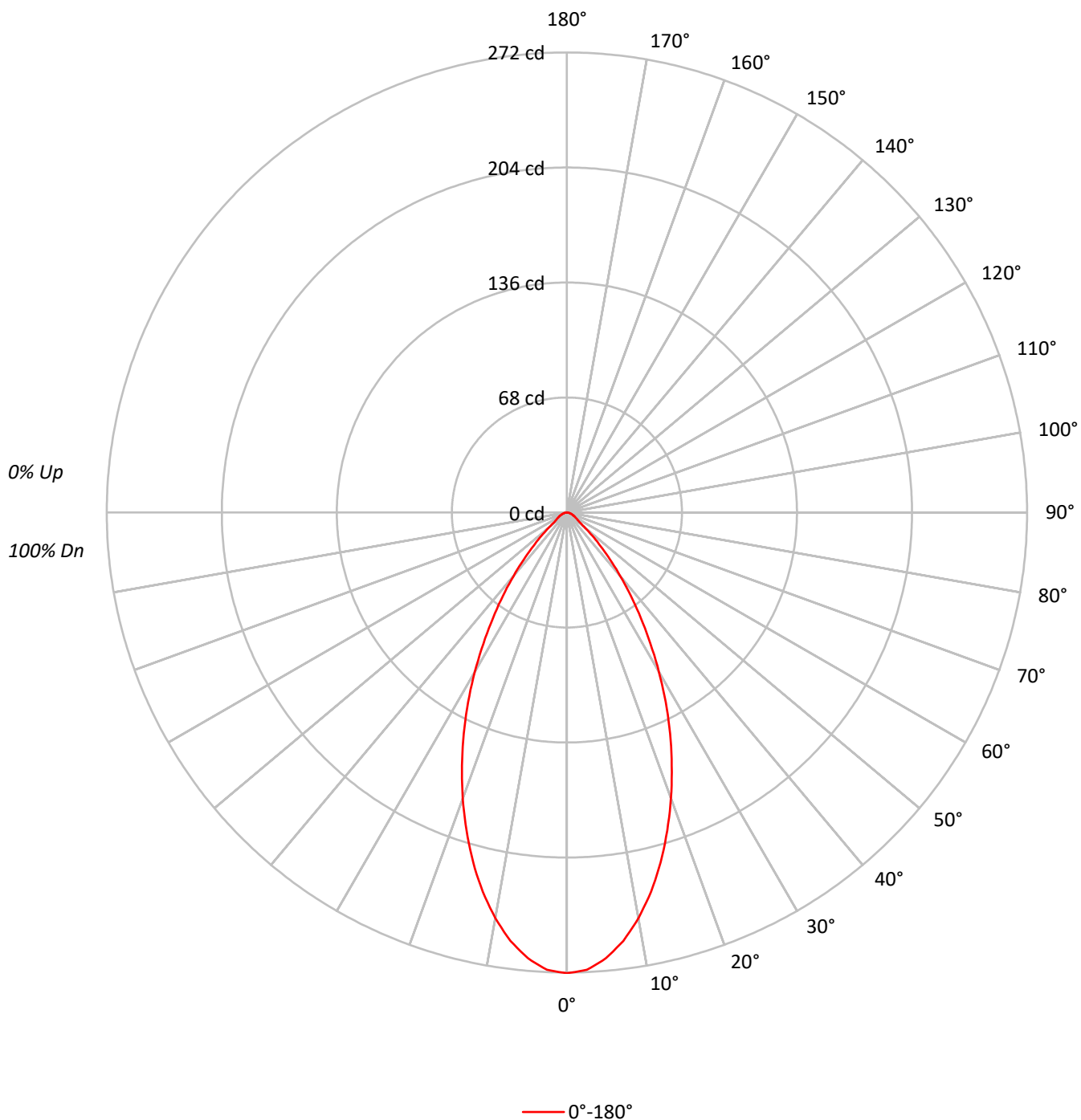
Lumens per Lamp: N/A
Luminaire Lumens: 235.0 lumens
Efficiency: N/A
Efficacy: 19.1 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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

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Luminous Intensity Polar Plot



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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	50	30	10
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	110	108	105	103	104	102	100	100	98	97	96	95	94	92		
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85		
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78		
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72		
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66		
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62		
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57		
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54		
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50		
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	59732
5°	58243
10°	54241
15°	48604
20°	41980
25°	34913
30°	27549
35°	20398
40°	14055
45°	8714
50°	4742
55°	2982
60°	2544
65°	2283
70°	1923
75°	1694
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8714 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.6	10.5
10°-20°	59.5	25.3
20°-30°	65.8	28.0
30°-40°	47.8	20.3
40°-50°	22.4	9.5
50°-60°	7.6	3.2
60°-70°	4.3	1.9
70°-80°	2.3	1.0
80°-90°	0.7	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°	149.9	63.8
0°-40°	197.7	84.1
0°-60°	227.6	96.9
0°-90°	235.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	235.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	272	
5°	265	25
15°	214	60
25°	144	66
35°	76	48
45°	28	22
55°	8	8
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	272.4
2.5°	270.7
5°	264.6
7.5°	255.5
10°	243.6
12.5°	229.7
15°	214.1
17.5°	197.2
20°	179.9
22.5°	162.0
25°	144.3
27.5°	126.4
30°	108.8
32.5°	91.8
35°	76.2
37.5°	62.0
40°	49.1
42.5°	37.6
45°	28.1
47.5°	20.3
50°	13.9
52.5°	9.5
55°	7.8
57.5°	6.8
60°	5.8
62.5°	5.1
65°	4.4
67.5°	3.7
70°	3.0
72.5°	2.7
75°	2.0
77.5°	1.7
80°	1.4
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)