

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: P1298587

Luminaire Tested: P3A13R65W2N902750DE010 E3DL1WH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298587
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 E3DL1WH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 90CRI ,
E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

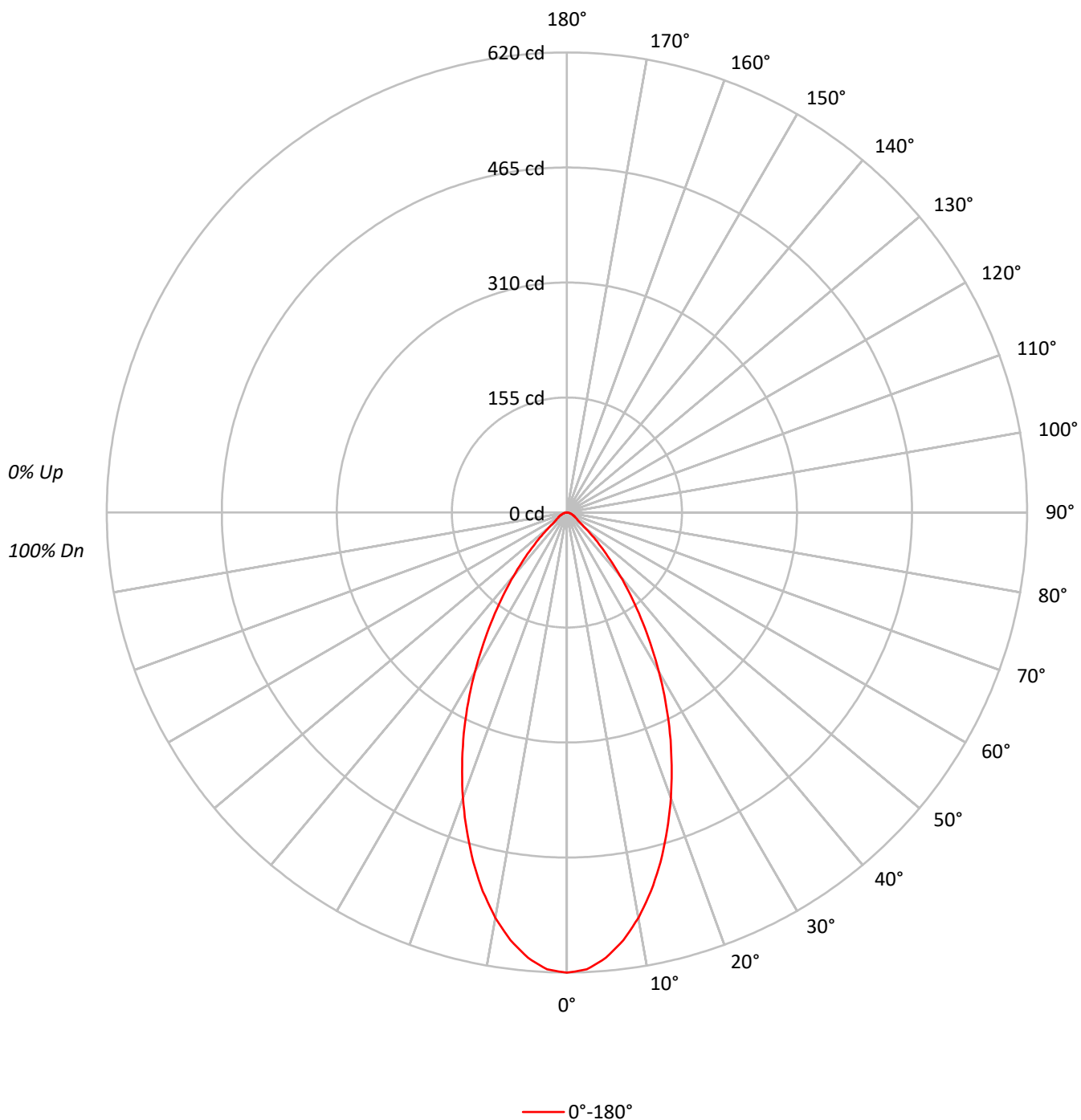
Lumens per Lamp: N/A
Luminaire Lumens: 535.0 lumens
Efficiency: N/A
Efficacy: 43.5 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					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		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	76		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°	135998
5°	132599
10°	123489
15°	110670
20°	95582
25°	79505
30°	62693
35°	46471
40°	32003
45°	19847
50°	10780
55°	6767
60°	5745
65°	5189
70°	4424
75°	3897
80°	3915
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19847 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.0	10.5
10°-20°	135.5	25.3
20°-30°	149.8	28.0
30°-40°	108.8	20.3
40°-50°	51.0	9.5
50°-60°	17.1	3.2
60°-70°	9.9	1.9
70°-80°	5.2	1.0
80°-90°	1.7	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°	341.3	63.8
0°-40°	450.1	84.1
0°-60°	518.2	96.9
0°-90°	535.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	535.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	620	
5°	602	56
15°	488	135
25°	329	150
35°	174	109
45°	64	51
55°	18	17
65°	10	10
75°	5	5
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	620.2
2.5°	616.3
5°	602.4
7.5°	581.6
10°	554.6
12.5°	523.0
15°	487.5
17.5°	448.9
20°	409.6
22.5°	368.7
25°	328.6
27.5°	287.7
30°	247.6
32.5°	209.0
35°	173.6
37.5°	141.2
40°	111.8
42.5°	85.6
45°	64.0
47.5°	46.3
50°	31.6
52.5°	21.6
55°	17.7
57.5°	15.4
60°	13.1
62.5°	11.6
65°	10.0
67.5°	8.5
70°	6.9
72.5°	6.2
75°	4.6
77.5°	3.9
80°	3.1
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)