

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: P1298536

Luminaire Tested: P3AS13R65W2N902750DE010 E3CD1MW\_4000K

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1298536  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R65W2N902750DE010 E3CD1MW\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 4000K CCT AND, 90CRI ,  
E3CD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 960.0 lumens  
Efficiency: N/A  
Efficacy: 78.1 lumens/watt  
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9  
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	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	93
2	108	103	99	96	106	101	98	95	98	95	93	95	93	91	92	90	89	87
3	103	96	91	87	101	95	90	87	92	88	85	90	87	84	87	85	83	81
4	97	90	84	80	96	89	84	80	87	82	79	85	81	78	83	80	77	75
5	93	84	78	74	91	83	78	74	82	77	73	80	76	73	78	75	72	70
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62
8	80	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54
10	72	63	57	53	71	62	57	53	61	56	53	60	56	53	60	55	52	51

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	234608
5°	220801
10°	217988
15°	214144
20°	202201
25°	187656
30°	145871
35°	84377
40°	34007
45°	15661
50°	6106
55°	2370
60°	2061
65°	2024
70°	1988
75°	1949
80°	2020
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 15661 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	95.4	9.9
10°-20°	263.4	27.4
20°-30°	344.8	35.9
30°-40°	199.7	20.8
40°-50°	42.7	4.5
50°-60°	7.0	0.7
60°-70°	3.9	0.4
70°-80°	2.3	0.2
80°-90°	0.9	0.1
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°	703.6	73.3
0°-40°	903.3	94.1
0°-60°	953.0	99.3
0°-90°	960.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	960.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1070	
5°	1003	95
15°	943	263
25°	776	345
35°	315	200
45°	50	43
55°	6	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1069.9
2.5°	1039.6
5°	1003.1
7.5°	988.4
10°	979.0
12.5°	965.8
15°	943.3
17.5°	908.4
20°	866.5
22.5°	826.9
25°	775.6
27.5°	689.4
30°	576.1
32.5°	446.4
35°	315.2
37.5°	199.5
40°	118.8
42.5°	74.5
45°	50.5
47.5°	32.6
50°	17.9
52.5°	8.5
55°	6.2
57.5°	5.4
60°	4.7
62.5°	4.7
65°	3.9
67.5°	3.1
70°	3.1
72.5°	2.3
75°	2.3
77.5°	1.6
80°	1.6
82.5°	0.8
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)