

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: P1295449

Luminaire Tested: P3A13R15W2N902750DE010 E3DLP1WMH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1295449
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R15W2N902750DE010 E3DLP1WMH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3500K CCT AND, 90CRI ,
E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

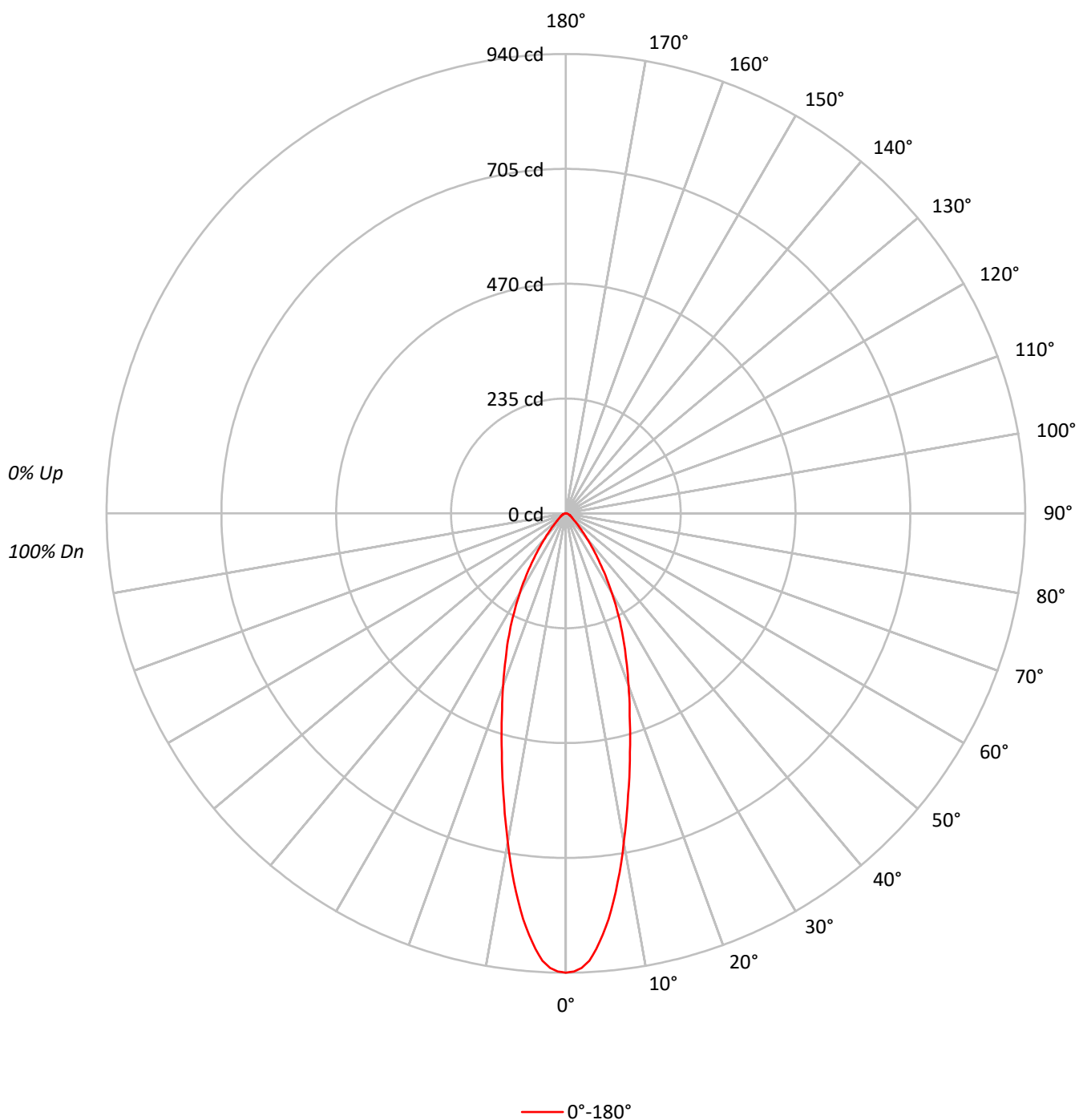
Lumens per Lamp: N/A
Luminaire Lumens: 478.0 lumens
Efficiency: N/A
Efficacy: 38.9 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1295449

CATALOG NUMBER: P3A13R15W2N902750DE010 E3DLP1WMH_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1295449

CATALOG NUMBER: P3A13R15W2N902750DE010 E3DLP1WMH_3500K

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	108	106	111	108	106	104	104	102	101		100	99	98		97	96	95	93
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92	90	88	86
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87	84	82	80
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82	79	77	75
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78	75	72	70
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74	71	68	66
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71	67	64	62
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67	63	60	59
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64	60	57	56
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62	57	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	206124
5°	190512
10°	152101
15°	114893
20°	87484
25°	66681
30°	47754
35°	31159
40°	19122
45°	11567
50°	7676
55°	5926
60°	5087
65°	4410
70°	3975
75°	3982
80°	2904
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11567 cd/sqm

TEST NUMBER: P1295449

CATALOG NUMBER: P3A13R15W2N902750DE010 E3DLP1WMH_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.7	16.0
10°-20°	141.5	29.6
20°-30°	125.9	26.3
30°-40°	74.5	15.6
40°-50°	30.6	6.4
50°-60°	14.3	3.0
60°-70°	8.7	1.8
70°-80°	4.6	1.0
80°-90°	1.2	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°	344.1	72.0
0°-40°	418.6	87.6
0°-60°	463.5	97.0
0°-90°	478.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	478.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	940	
5°	866	77
15°	506	141
25°	276	126
35°	116	75
45°	37	31
55°	16	14
65°	8	9
75°	5	5
85°	1	1
90°	0	



TEST NUMBER: P1295449

CATALOG NUMBER: P3A13R15W2N902750DE010 E3DLP1WMH_3500K

CANDELA DISTRIBUTION (FULL):

0°	
0°	940.0
1°	937.7
2°	930.7
3°	916.7
4°	893.4
5°	865.5
6°	835.2
7°	799.5
8°	762.2
9°	724.2
10°	683.1
12.5°	589.2
15°	506.1
17.5°	434.7
20°	374.9
22.5°	322.1
25°	275.6
27.5°	230.5
30°	188.6
32.5°	150.6
35°	116.4
37.5°	89.3
40°	66.8
42.5°	49.7
45°	37.3
47.5°	28.7
50°	22.5
52.5°	18.6
55°	15.5
57.5°	13.2
60°	11.6
62.5°	10.1
65°	8.5
67.5°	7.8
70°	6.2
72.5°	5.4
75°	4.7
77.5°	3.1
80°	2.3
82.5°	1.6
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)