

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: P1298505

Luminaire Tested: P3A13R60W2N902765DE010 E3DLP1WMH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298505
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R60W2N902765DE010 E3DLP1WMH_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 4000K CCT AND, 90CRI ,
E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

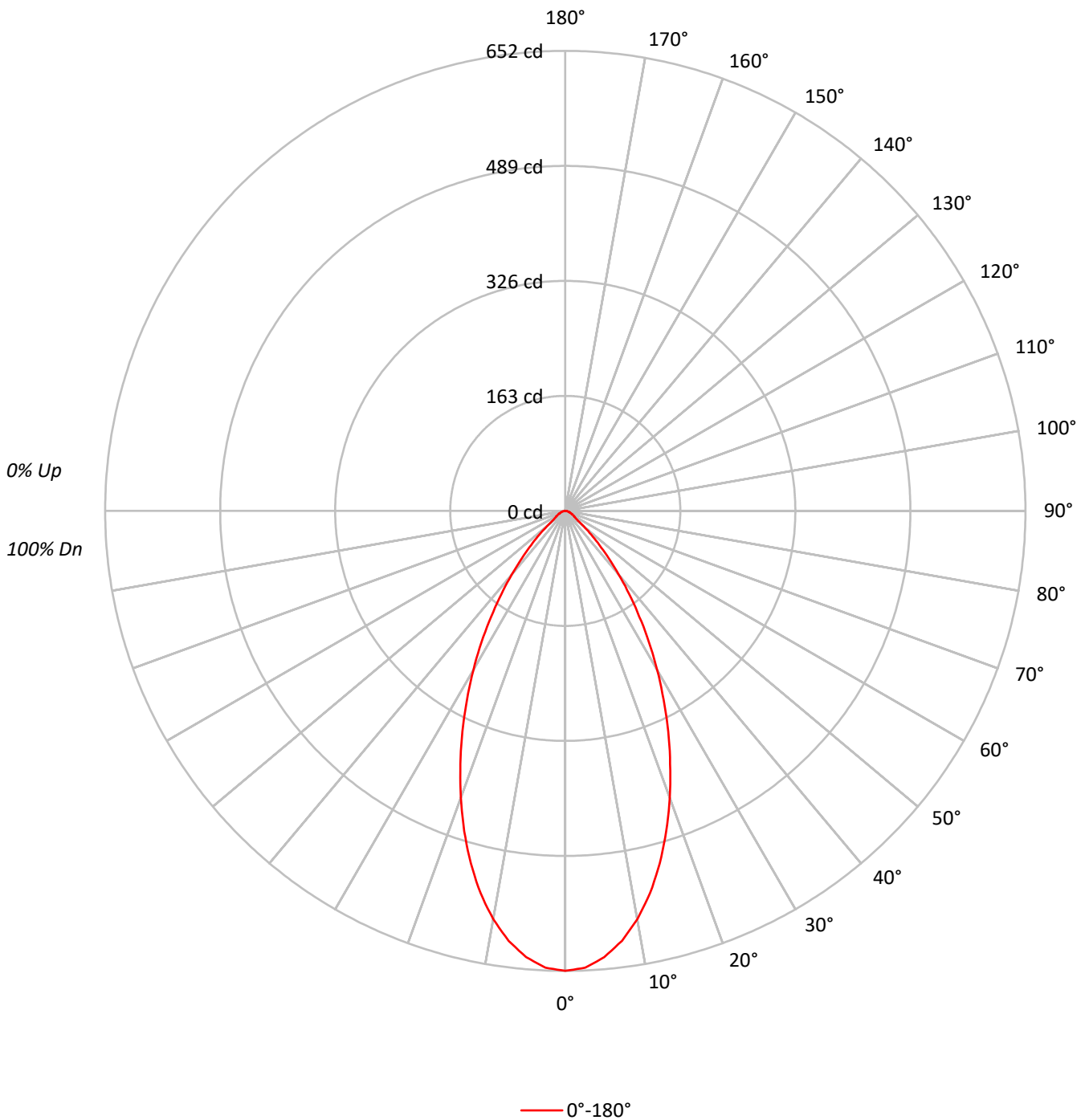
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 564.0 lumens
Efficiency: N/A
Efficacy: 45.9 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

TEST NUMBER: P1298505
CATALOG NUMBER: P3A13R60W2N902765DE010 E3DLP1WMH_4000K

Luminous Intensity Polar Plot





TEST NUMBER: P1298505
 CATALOG NUMBER: P3A13R60W2N902765DE010 E3DLP1WMH_4000K

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	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	91	88	86	85			
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	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	60	56	64	59	55	63	58	55	54			
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	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°	142927
5°	139731
10°	130815
15°	117367
20°	100925
25°	83448
30°	65934
35°	48961
40°	33720
45°	21149
50°	11633
55°	6805
60°	6140
65°	5241
70°	4488
75°	4575
80°	3915
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 21149 cd/sqm



TEST NUMBER: P1298505

CATALOG NUMBER: P3A13R60W2N902765DE010 E3DLP1WMH_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.1	10.5
10°-20°	143.6	25.5
20°-30°	157.5	27.9
30°-40°	114.7	20.3
40°-50°	54.2	9.6
50°-60°	17.8	3.1
60°-70°	10.1	1.8
70°-80°	5.4	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°	360.2	63.9
0°-40°	474.9	84.2
0°-60°	546.8	97.0
0°-90°	564.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	564.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	652	
5°	635	59
15°	517	144
25°	345	157
35°	183	115
45°	68	54
55°	18	18
65°	10	10
75°	5	5
85°	2	2
90°	0	



TEST NUMBER: P1298505
CATALOG NUMBER: P3A13R60W2N902765DE010 E3DLP1WMH_4000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	651.8
2.5°	648.0
5°	634.8
7.5°	614.6
10°	587.5
12.5°	555.0
15°	517.0
17.5°	475.9
20°	432.5
22.5°	388.3
25°	344.9
27.5°	301.5
30°	260.4
32.5°	220.9
35°	182.9
37.5°	148.8
40°	117.8
42.5°	90.7
45°	68.2
47.5°	49.6
50°	34.1
52.5°	22.5
55°	17.8
57.5°	15.5
60°	14.0
62.5°	11.6
65°	10.1
67.5°	8.5
70°	7.0
72.5°	6.2
75°	5.4
77.5°	3.9
80°	3.1
82.5°	2.3
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)