

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: P1298472

Luminaire Tested: P3A13R60W2N902765DE010 E3DLP1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298472
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 E3DLP1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

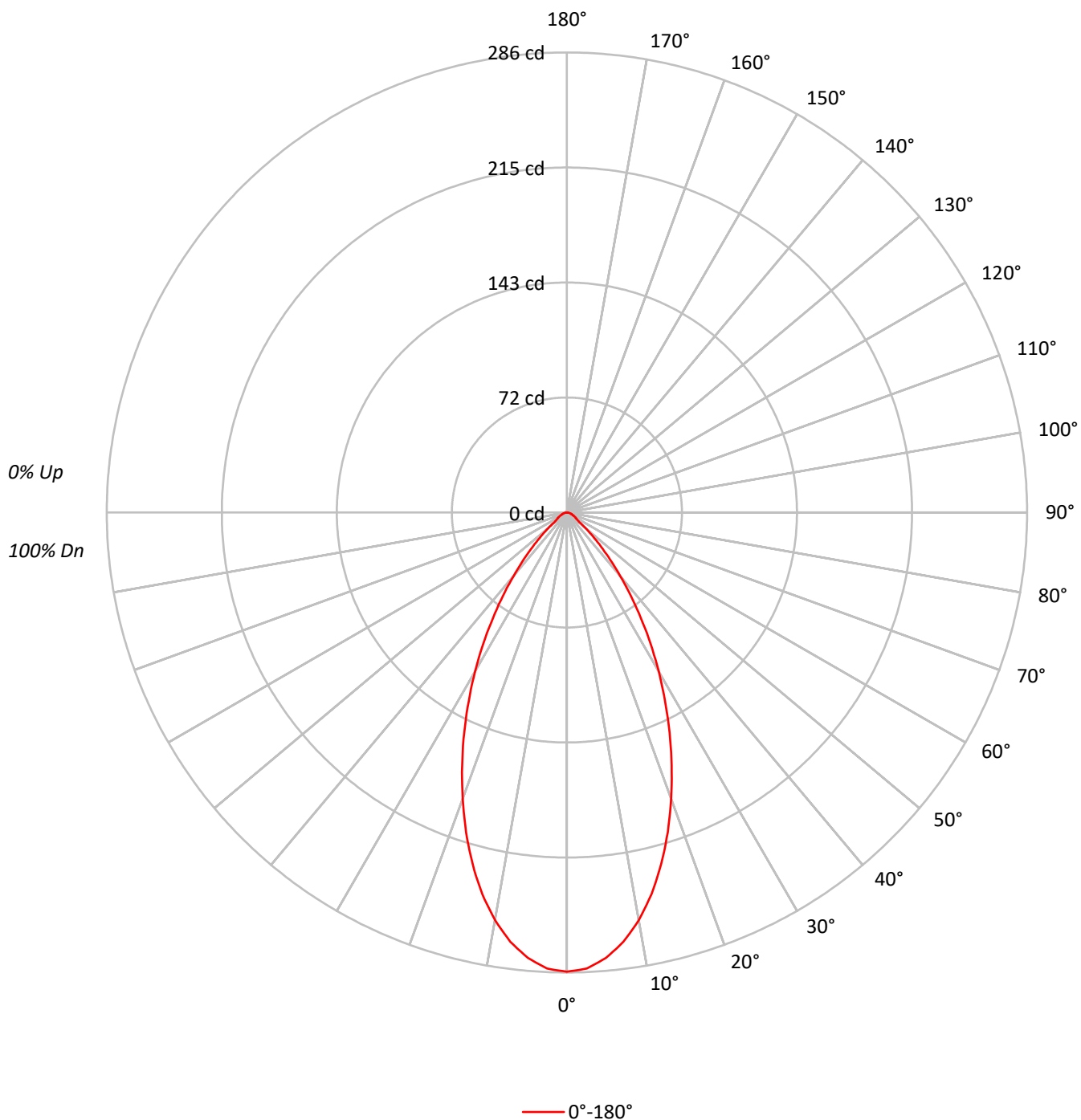
Lumens per Lamp: N/A
Luminaire Lumens: 247.0 lumens
Efficiency: N/A
Efficacy: 20.1 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1298472

CATALOG NUMBER: P3A13R60W2N902765DE010 E3DLP1GPH_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1298472

CATALOG NUMBER: P3A13R60W2N902765DE010 E3DLP1GPH_2700K

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		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		58
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°	62605
5°	61193
10°	57291
15°	51396
20°	44197
25°	36534
30°	28891
35°	21442
40°	14771
45°	9272
50°	5083
55°	2982
60°	2675
65°	2283
70°	1988
75°	2033
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9272 cd/sqm

TEST NUMBER: P1298472

CATALOG NUMBER: P3A13R60W2N902765DE010 E3DLP1GPH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.9	10.5
10°-20°	62.9	25.5
20°-30°	69.0	27.9
30°-40°	50.2	20.3
40°-50°	23.7	9.6
50°-60°	7.8	3.1
60°-70°	4.4	1.8
70°-80°	2.4	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°	157.7	63.9
0°-40°	208.0	84.2
0°-60°	239.5	97.0
0°-90°	247.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	247.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	286	
5°	278	26
15°	226	63
25°	151	69
35°	80	50
45°	30	24
55°	8	8
65°	4	4
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1298472

CATALOG NUMBER: P3A13R60W2N902765DE010 E3DLP1GPH_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	285.5
2.5°	283.8
5°	278.0
7.5°	269.2
10°	257.3
12.5°	243.0
15°	226.4
17.5°	208.4
20°	189.4
22.5°	170.1
25°	151.0
27.5°	132.0
30°	114.1
32.5°	96.7
35°	80.1
37.5°	65.2
40°	51.6
42.5°	39.7
45°	29.9
47.5°	21.7
50°	14.9
52.5°	9.8
55°	7.8
57.5°	6.8
60°	6.1
62.5°	5.1
65°	4.4
67.5°	3.7
70°	3.1
72.5°	2.7
75°	2.4
77.5°	1.7
80°	1.4
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)