

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: P1249438

Luminaire Tested: P3AS13R609027DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249438
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: P3AS13R609027DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

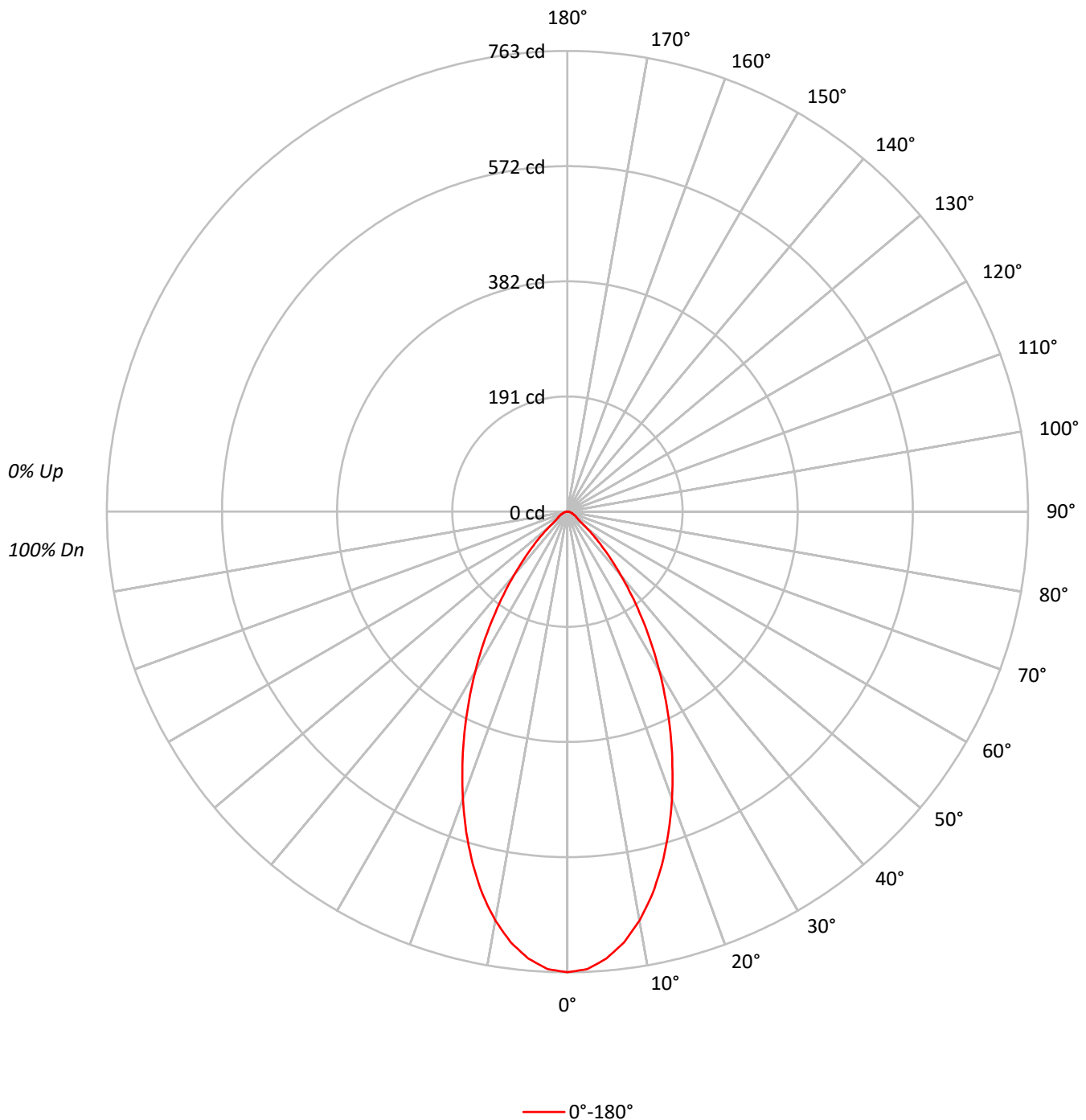
Lumens per Lamp: N/A
Luminaire Lumens: 660.0 lumens
Efficiency: N/A
Efficacy: 45.2 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1249438

CATALOG NUMBER: P3AS13R609027DE010 E3DLP1H

Luminous Intensity Polar Plot





TEST NUMBER: P1249438

CATALOG NUMBER: P3AS13R609027DE010 E3DLP1H

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		91
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	167267
5°	163504
10°	153081
15°	137345
20°	118100
25°	97651
30°	77176
35°	57313
40°	39474
45°	24747
50°	13611
55°	7990
60°	7149
65°	6123
70°	5257
75°	5338
80°	4546
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24747 cd/sqm

TEST NUMBER: P1249438

CATALOG NUMBER: P3AS13R609027DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.2	10.5
10°-20°	168.0	25.5
20°-30°	184.3	27.9
30°-40°	134.3	20.3
40°-50°	63.4	9.6
50°-60°	20.8	3.1
60°-70°	11.8	1.8
70°-80°	6.3	1.0
80°-90°	2.0	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°	421.5	63.9
0°-40°	555.7	84.2
0°-60°	639.9	97.0
0°-90°	660.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	660.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	763	
5°	743	69
15°	605	168
25°	404	184
35°	214	134
45°	80	63
55°	21	21
65°	12	12
75°	6	6
85°	2	2
90°	0	

TEST NUMBER: P1249438

CATALOG NUMBER: P3AS13R609027DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

	0°
0°	762.8
2.5°	758.3
5°	742.8
7.5°	719.3
10°	687.5
12.5°	649.4
15°	605.0
17.5°	556.9
20°	506.1
22.5°	454.4
25°	403.6
27.5°	352.8
30°	304.8
32.5°	258.5
35°	214.1
37.5°	174.1
40°	137.9
42.5°	106.1
45°	79.8
47.5°	58.0
50°	39.9
52.5°	26.3
55°	20.9
57.5°	18.1
60°	16.3
62.5°	13.6
65°	11.8
67.5°	10.0
70°	8.2
72.5°	7.3
75°	6.3
77.5°	4.5
80°	3.6
82.5°	2.7
85°	1.8
87.5°	0.9
90°	0.0

(END OF REPORT)