

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: P1263589

Luminaire Tested: P3A20R609727D010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263589
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: P3A20R609727D010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

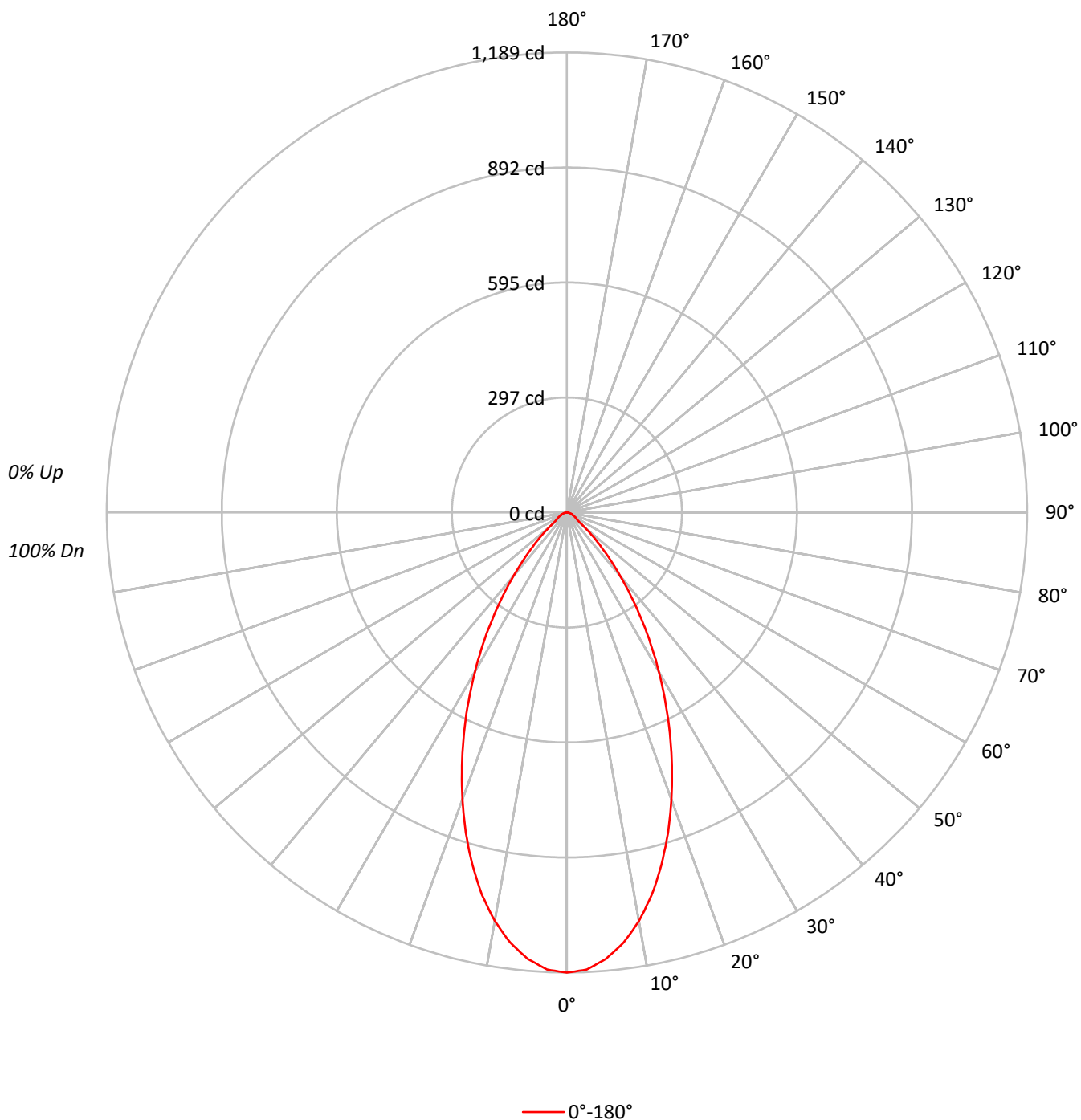
Lumens per Lamp: N/A
Luminaire Lumens: 1029.0 lumens
Efficiency: N/A
Efficacy: 35.7 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P1263589

CATALOG NUMBER: P3A20R609727D010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1263589

CATALOG NUMBER: P3A20R609727D010 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°	260791
5°	254919
10°	238673
15°	214122
20°	184139
25°	152259
30°	120297
35°	89329
40°	61515
45°	38578
50°	21219
55°	12425
60°	11183
65°	9547
70°	8142
75°	8388
80°	7198
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38578 cd/sqm

TEST NUMBER: P1263589

CATALOG NUMBER: P3A20R609727D010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.8	10.5
10°-20°	262.0	25.5
20°-30°	287.3	27.9
30°-40°	209.3	20.3
40°-50°	98.9	9.6
50°-60°	32.4	3.1
60°-70°	18.4	1.8
70°-80°	9.9	1.0
80°-90°	3.1	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°	657.1	63.9
0°-40°	866.4	84.2
0°-60°	997.7	97.0
0°-90°	1029.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1029.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1189	
5°	1158	108
15°	943	262
25°	629	287
35°	334	209
45°	124	99
55°	32	32
65°	18	18
75°	10	10
85°	3	3
90°	0	

TEST NUMBER: P1263589

CATALOG NUMBER: P3A20R609727D010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1189.3
2.5°	1182.2
5°	1158.1
7.5°	1121.4
10°	1071.9
12.5°	1012.5
15°	943.2
17.5°	868.3
20°	789.1
22.5°	708.5
25°	629.3
27.5°	550.1
30°	475.1
32.5°	403.0
35°	333.7
37.5°	271.5
40°	214.9
42.5°	165.4
45°	124.4
47.5°	90.5
50°	62.2
52.5°	41.0
55°	32.5
57.5°	28.3
60°	25.5
62.5°	21.2
65°	18.4
67.5°	15.6
70°	12.7
72.5°	11.3
75°	9.9
77.5°	7.1
80°	5.7
82.5°	4.2
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)