

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: P1247788

Luminaire Tested: P3A20R609024D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247788
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: P3A20R609024D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

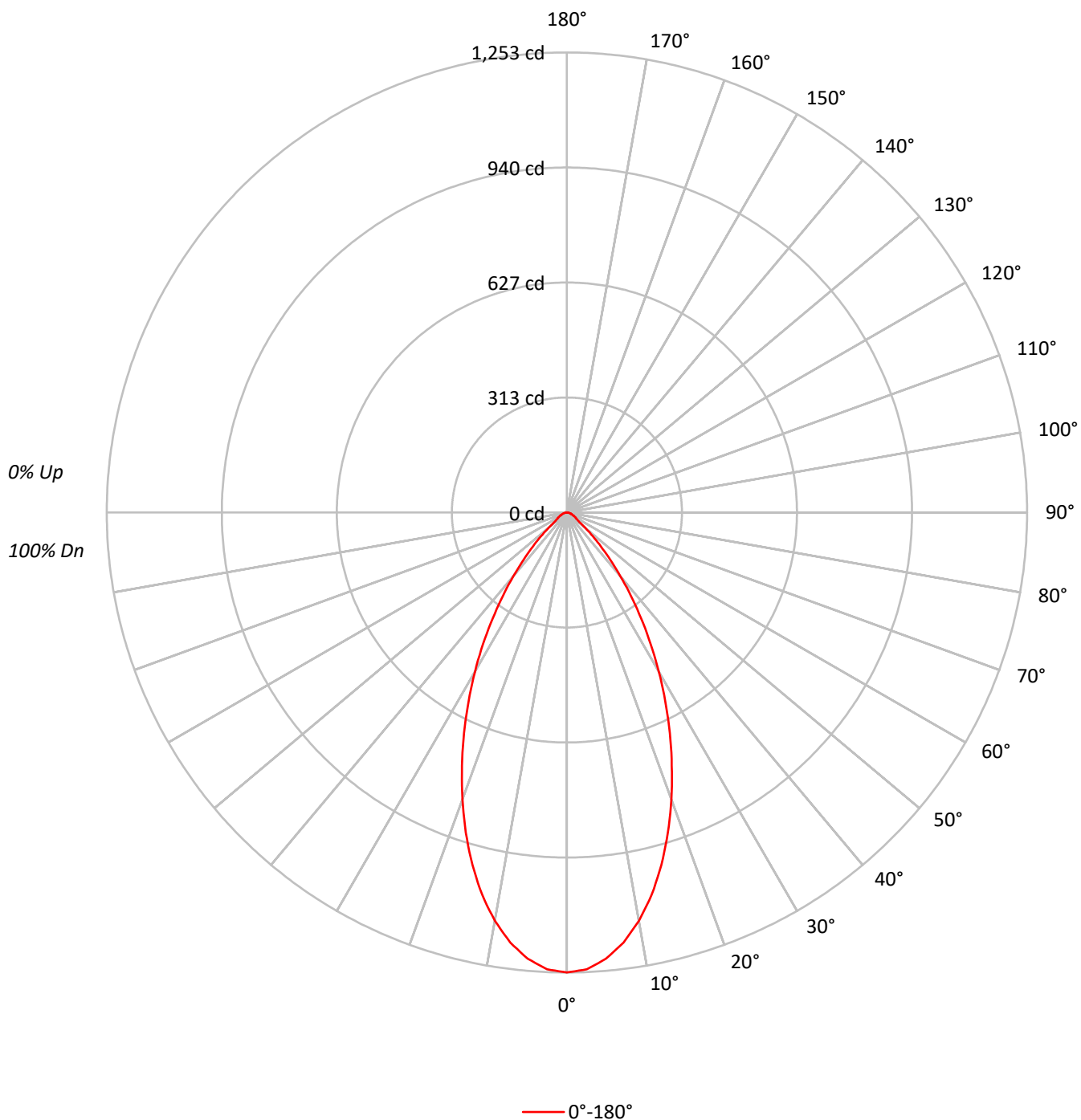
Lumens per Lamp: N/A
Luminaire Lumens: 1084.0 lumens
Efficiency: N/A
Efficacy: 37.6 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1247788

CATALOG NUMBER: P3A20R609024D010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1247788

CATALOG NUMBER: P3A20R609024D010 E3DL1WH

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°	274715
5°	268544
10°	251432
15°	225563
20°	193964
25°	160388
30°	126728
35°	94121
40°	64807
45°	40655
50°	22345
55°	13113
60°	11753
65°	10066
70°	8591
75°	8811
80°	7577
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 40655 cd/sqm

TEST NUMBER: P1247788

CATALOG NUMBER: P3A20R609024D010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.6	10.5
10°-20°	276.0	25.5
20°-30°	302.7	27.9
30°-40°	220.5	20.3
40°-50°	104.1	9.6
50°-60°	34.1	3.1
60°-70°	19.3	1.8
70°-80°	10.4	1.0
80°-90°	3.3	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°	692.2	63.9
0°-40°	912.7	84.2
0°-60°	1051.0	97.0
0°-90°	1084.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1084.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1253	
5°	1220	114
15°	994	276
25°	663	303
35°	352	221
45°	131	104
55°	34	34
65°	19	19
75°	10	10
85°	3	3
90°	0	

TEST NUMBER: P1247788

CATALOG NUMBER: P3A20R609024D010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1252.8
2.5°	1245.4
5°	1220.0
7.5°	1181.3
10°	1129.2
12.5°	1066.6
15°	993.6
17.5°	914.7
20°	831.2
22.5°	746.3
25°	662.9
27.5°	579.5
30°	500.5
32.5°	424.6
35°	351.6
37.5°	286.0
40°	226.4
42.5°	174.3
45°	131.1
47.5°	95.3
50°	65.5
52.5°	43.2
55°	34.3
57.5°	29.8
60°	26.8
62.5°	22.3
65°	19.4
67.5°	16.4
70°	13.4
72.5°	11.9
75°	10.4
77.5°	7.4
80°	6.0
82.5°	4.5
85°	3.0
87.5°	1.5
90°	0.0

(END OF REPORT)