

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: P1247676

Luminaire Tested: P3A20R409024D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247676
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R409024D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 2400K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

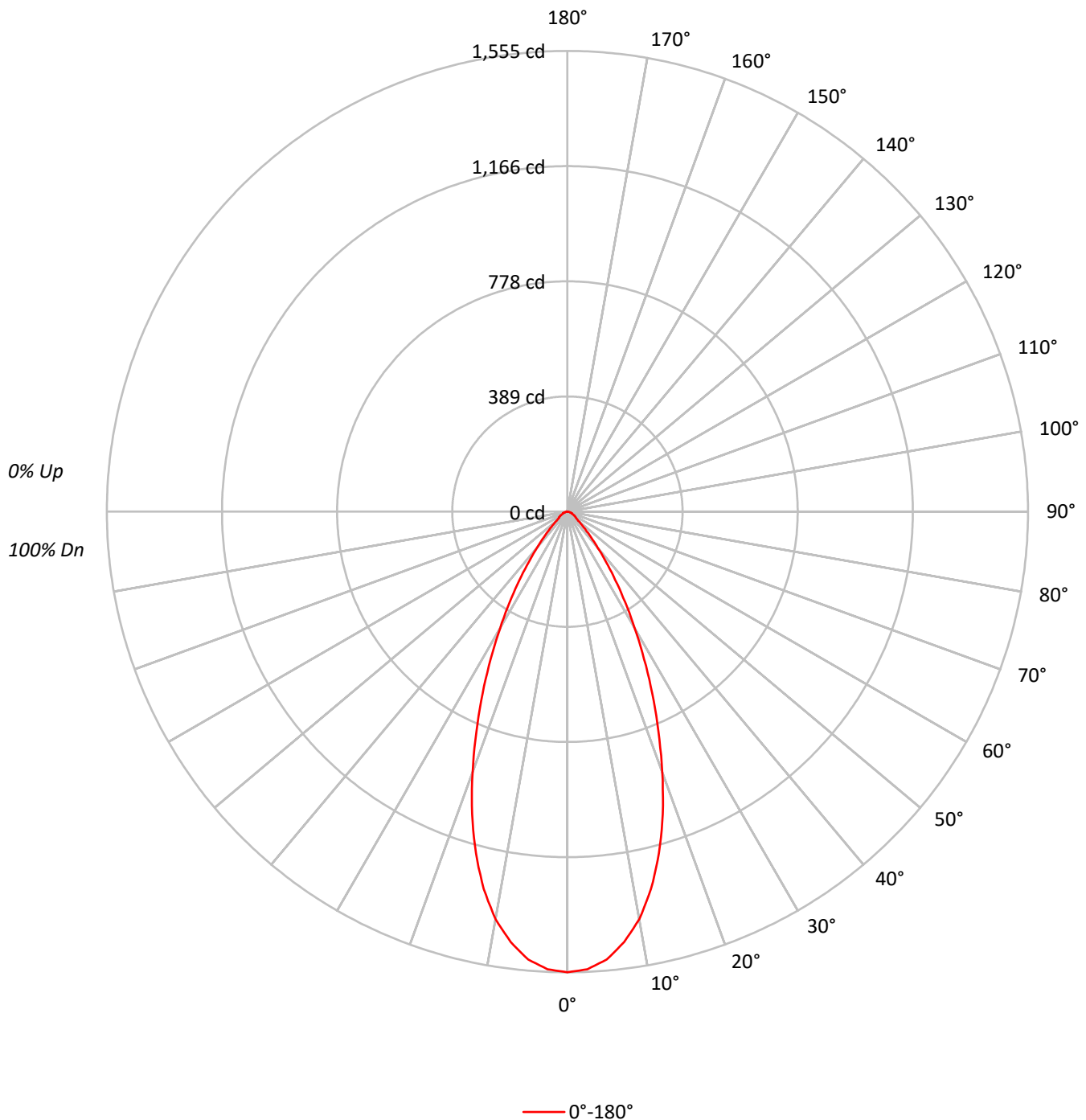
Lumens per Lamp: N/A
Luminaire Lumens: 1095.0 lumens
Efficiency: N/A
Efficacy: 38.0 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1247676

CATALOG NUMBER: P3A20R409024D010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1247676

CATALOG NUMBER: P3A20R409024D010 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	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	63	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	340960
5°	334052
10°	311039
15°	271080
20°	218466
25°	163751
30°	115132
35°	75436
40°	45657
45°	27290
50°	16272
55°	13113
60°	11753
65°	10066
70°	9553
75°	7540
80°	7577
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27290 cd/sqm

TEST NUMBER: P1247676

CATALOG NUMBER: P3A20R409024D010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.9	12.9
10°-20°	328.9	30.0
20°-30°	309.9	28.3
30°-40°	179.2	16.4
40°-50°	71.4	6.5
50°-60°	31.6	2.9
60°-70°	19.5	1.8
70°-80°	10.2	0.9
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°	779.7	71.2
0°-40°	959.0	87.6
0°-60°	1062.0	97.0
0°-90°	1095.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1095.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1555	
5°	1518	141
15°	1194	329
25°	677	310
35°	282	179
45°	88	71
55°	34	32
65°	19	20
75°	9	10
85°	3	3
90°	0	

TEST NUMBER: P1247676

CATALOG NUMBER: P3A20R409024D010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1554.9
2.5°	1545.9
5°	1517.6
7.5°	1465.4
10°	1396.9
12.5°	1304.4
15°	1194.1
17.5°	1070.4
20°	936.2
22.5°	802.0
25°	676.8
27.5°	560.5
30°	454.7
32.5°	362.3
35°	281.8
37.5°	213.2
40°	159.5
42.5°	119.3
45°	88.0
47.5°	64.1
50°	47.7
52.5°	38.8
55°	34.3
57.5°	31.3
60°	26.8
62.5°	22.4
65°	19.4
67.5°	16.4
70°	14.9
72.5°	11.9
75°	8.9
77.5°	7.5
80°	6.0
82.5°	4.5
85°	3.0
87.5°	1.5
90°	0.0

(END OF REPORT)