

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: P1253713

Luminaire Tested: P3AS02R709035DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253713
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R709035DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

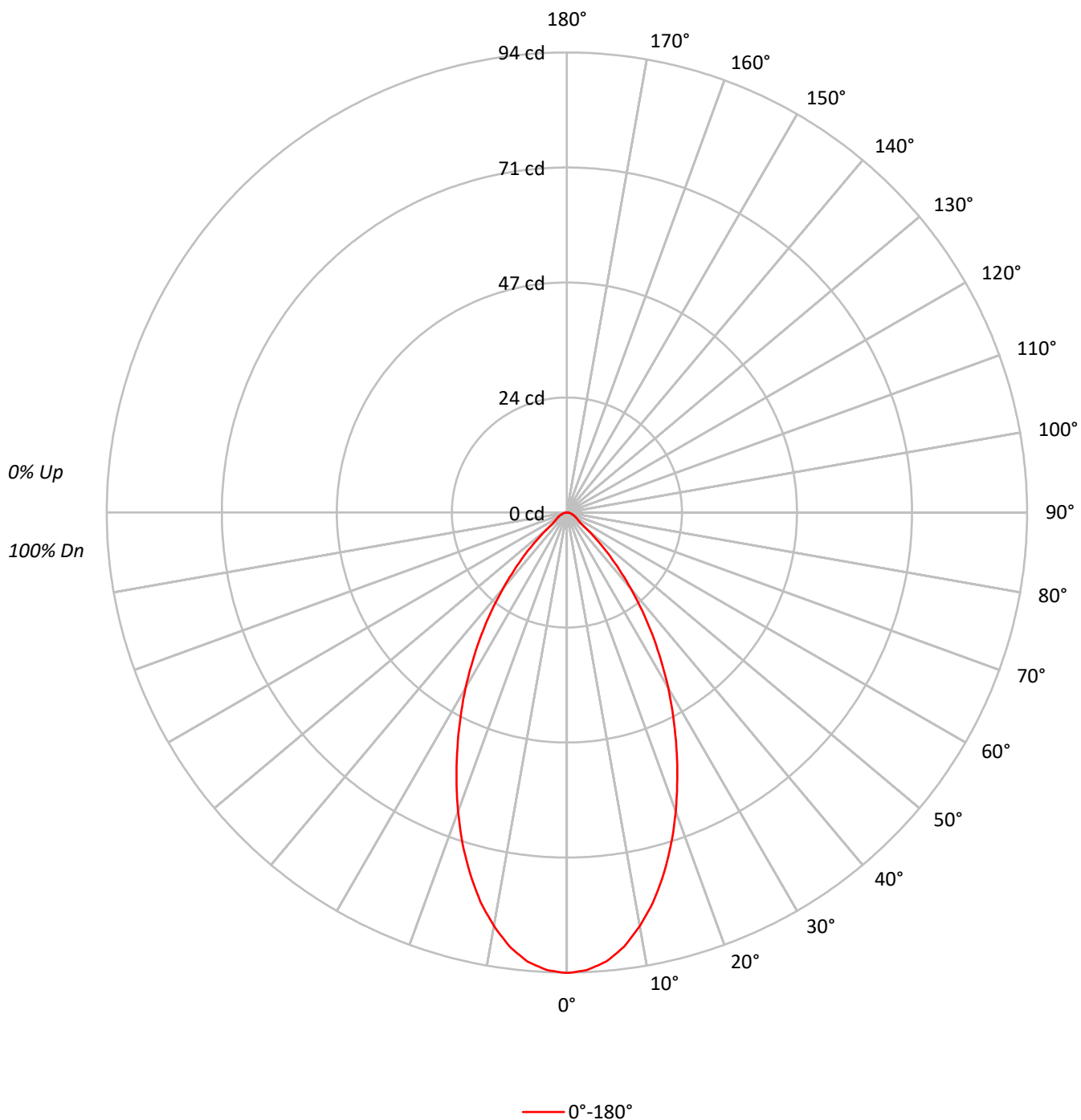
Lumens per Lamp: N/A
Luminaire Lumens: 88.0 lumens
Efficiency: N/A
Efficacy: 24.4 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1253713

CATALOG NUMBER: P3AS02R709035DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1253713

CATALOG NUMBER: P3AS02R709035DE010 E3DLP1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	110	107	104		110	107	105	103		103	101	100		100	98	97		96	95	94
2	106	101	97	93		104	99	95	92		96	93	90		93	90	88		90	88	86
3	100	93	88	83		98	92	87	83		89	85	81		87	83	80		84	81	79
4	95	86	80	76		93	85	80	75		83	78	74		81	77	73		79	76	73
5	89	80	74	69		88	79	73	69		78	72	68		76	71	68		74	70	67
6	85	75	68	64		83	74	68	64		73	67	63		71	66	63		70	65	62
7	80	70	64	59		79	69	63	59		68	62	58		67	62	58		66	61	58
8	76	66	59	55		75	65	59	55		64	58	54		63	58	54		62	57	54
9	72	62	55	51		71	61	55	51		60	55	51		59	54	51		58	54	50
10	69	58	52	48		67	58	52	48		57	51	48		56	51	48		55	51	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	20634
5°	20273
10°	19105
15°	17344
20°	15168
25°	12799
30°	10483
35°	8138
40°	5811
45°	3690
50°	1842
55°	1109
60°	965
65°	882
70°	769
75°	763
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3690 cd/sqm

TEST NUMBER: P1253713

CATALOG NUMBER: P3AS02R709035DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.6	9.8
10°-20°	21.3	24.2
20°-30°	24.2	27.5
30°-40°	18.9	21.5
40°-50°	9.3	10.6
50°-60°	2.8	3.2
60°-70°	1.7	1.9
70°-80°	0.9	1.0
80°-90°	0.3	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°	54.1	61.4
0°-40°	73.0	82.9
0°-60°	85.1	96.7
0°-90°	88.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	88.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	94	
5°	92	9
15°	76	21
25°	53	24
35°	30	19
45°	12	9
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1253713

CATALOG NUMBER: P3AS02R709035DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	94.1
2.5°	93.6
5°	92.1
7.5°	89.5
10°	85.8
12.5°	81.5
15°	76.4
17.5°	70.9
20°	65.0
22.5°	58.9
25°	52.9
27.5°	47.0
30°	41.4
32.5°	35.7
35°	30.4
37.5°	25.2
40°	20.3
42.5°	15.8
45°	11.9
47.5°	8.3
50°	5.4
52.5°	3.5
55°	2.9
57.5°	2.6
60°	2.2
62.5°	2.0
65°	1.7
67.5°	1.5
70°	1.2
72.5°	1.0
75°	0.9
77.5°	0.7
80°	0.5
82.5°	0.4
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)