

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: P1426061

Luminaire Tested: P3A02RH9735DE010 E3HY1B

Issue Date: 3/9/2026

Test Information

Test Method: LM-79-2019
Report Number: P1426061
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-658-1)
Test Lab: INNOVATION CENTER
Issue Date: 3/9/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02RH9735DE010 E3HY1B
Description: 3in Adjustable LED luminaire with, RH optic, 3500K CCT AND, 97CRI , E3HY1B TRIM
Light Source: -
Ballast/Driver: -

Summary

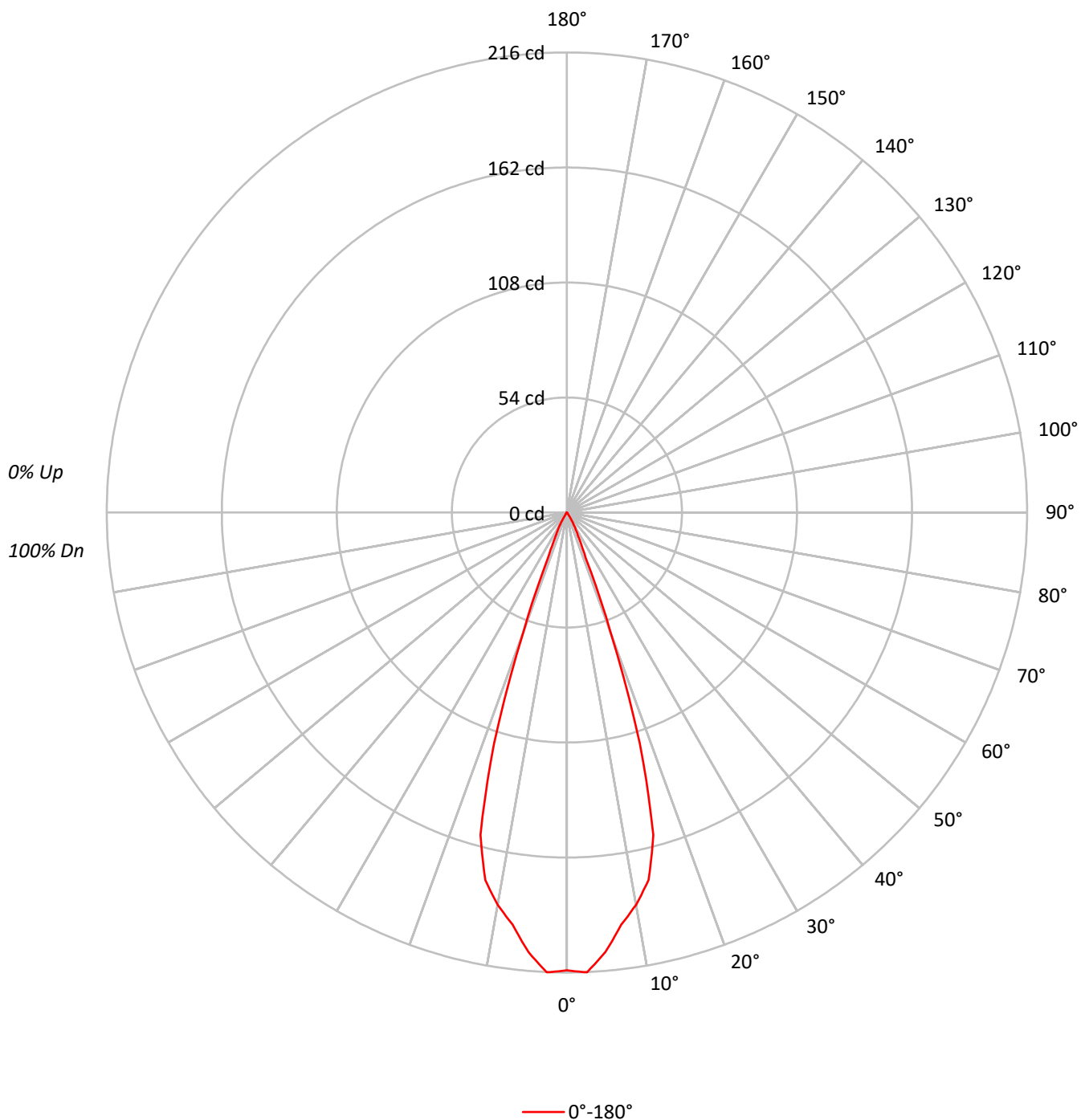
Lumens per Lamp: N/A
Luminaire Lumens: 67.0 lumens
Efficiency: N/A
Efficacy: 18.6 lumens/watt
Spacing Criteria (0/90/45): 0.61 / 0.61 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1426061

CATALOG NUMBER: P3A02RH9735DE010 E3HY1B

Luminous Intensity Polar Plot



TEST NUMBER: P1426061

CATALOG NUMBER: P3A02RH9735DE010 E3HY1B

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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	115	113	111	109		113	111	109	108		107	106	104		103	102	101		100	99	98
2	111	108	105	102		109	106	103	101		103	101	99		100	98	97		98	96	95
3	108	103	100	97		106	102	99	96		100	97	95		97	95	93		95	93	92
4	105	99	95	92		103	98	95	92		96	93	91		94	92	90		93	91	89
5	102	96	92	89		100	95	91	88		93	90	88		92	89	87		90	88	86
6	99	92	88	85		97	92	88	85		90	87	85		89	86	84		88	86	84
7	96	89	85	82		95	89	85	82		88	84	82		87	84	81		86	83	81
8	93	87	83	80		92	86	82	80		85	82	79		84	81	79		84	81	79
9	91	84	80	77		90	84	80	77		83	79	77		82	79	77		81	79	76
10	88	82	78	75		87	81	77	75		81	77	75		80	77	75		79	76	74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	47145
5°	45609
10°	41638
15°	35573
20°	13955
25°	3194
30°	1443
35°	187
40°	0
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

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

TEST NUMBER: P1426061

CATALOG NUMBER: P3A02RH9735DE010 E3HY1B

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.1	28.4
10°-20°	38.6	57.6
20°-30°	8.4	12.6
30°-40°	0.9	1.4
40°-50°	0.0	0.0
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	66.1	98.6
0°-40°	67.0	100.0
0°-60°	67.0	100.0
0°-90°	67.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	67.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	215	
5°	207	19
15°	157	39
25°	13	8
35°	1	1
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1426061

CATALOG NUMBER: P3A02RH9735DE010 E3HY1B

CANDELA DISTRIBUTION (FULL):

0°	
0°	215.0
2.5°	216.1
5°	207.2
7.5°	195.2
10°	187.0
12.5°	176.8
15°	156.7
17.5°	113.7
20°	59.8
22.5°	23.0
25°	13.2
27.5°	8.9
30°	5.7
32.5°	2.5
35°	0.7
37.5°	0.2
40°	0.0
42.5°	0.0
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)