

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: P1268433

Luminaire Tested: P3AS02R089740DE010 E3B1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268433
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2408-211-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R089740DE010 E3B1GPH
Description: 3in Adjustable LED luminaire with, R08 optic, 4000K CCT AND, 97CRI , E3B1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 238.9 lumens
Efficiency: N/A
Efficacy: 48.8 lumens/watt
Spacing Criteria (0/90/45): 0.16 / 0.16 / 0.16
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 4.9
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: P1268433

CATALOG NUMBER: P3AS02R089740DE010 E3B1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1268433

CATALOG NUMBER: P3AS02R089740DE010 E3B1GPH

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	116	114	113	111	114	112	111	110		108	107	106			105	104	103			101
2	113	111	108	106	111	109	107	105		106	104	103			103	102	101			101
3	111	108	105	103	109	106	104	102		104	102	100			102	100	99			100
4	109	105	102	100	108	104	101	99		102	100	98			100	99	97			99
5	107	103	100	98	106	102	99	97		101	98	97			99	97	96			98
6	105	101	98	96	104	100	98	96		99	97	95			98	96	95			97
7	104	100	97	95	103	99	96	94		98	96	94			97	95	94			96
8	103	98	95	93	102	98	95	93		97	95	93			96	94	93			95
9	101	97	94	92	101	97	94	92		96	94	92			95	93	92			95
10	100	96	93	91	100	96	93	91		95	93	91			94	92	91			94

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	135527
5°	565242
10°	90958
15°	26061
20°	8797
25°	3871
30°	2152
35°	1499
40°	1345
45°	868
50°	648
55°	344
60°	395
65°	467
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 868 cd/sqm

TEST NUMBER: P1268433

CATALOG NUMBER: P3AS02R089740DE010 E3B1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	184.4	77.2
10°-20°	38.6	16.2
20°-30°	8.4	3.5
30°-40°	3.6	1.5
40°-50°	2.3	0.9
50°-60°	0.9	0.4
60°-70°	0.8	0.3
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°	231.4	96.8
0°-40°	235.0	98.3
0°-60°	238.2	99.7
0°-90°	238.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	238.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6182	
5°	2568	184
15°	115	39
25°	16	8
35°	6	4
45°	3	2
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1268433

CATALOG NUMBER: P3AS02R089740DE010 E3B1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	6181.7
2.5°	5167.0
5°	2567.9
7.5°	957.3
10°	408.5
12.5°	210.9
15°	114.8
17.5°	65.0
20°	37.7
22.5°	24.5
25°	16.0
27.5°	12.2
30°	8.5
32.5°	6.6
35°	5.6
37.5°	4.7
40°	4.7
42.5°	3.8
45°	2.8
47.5°	1.9
50°	1.9
52.5°	0.9
55°	0.9
57.5°	0.9
60°	0.9
62.5°	0.9
65°	0.9
67.5°	0.9
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)