

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: P1248248

Luminaire Tested: P3AS02R609027DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248248
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: P3AS02R609027DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

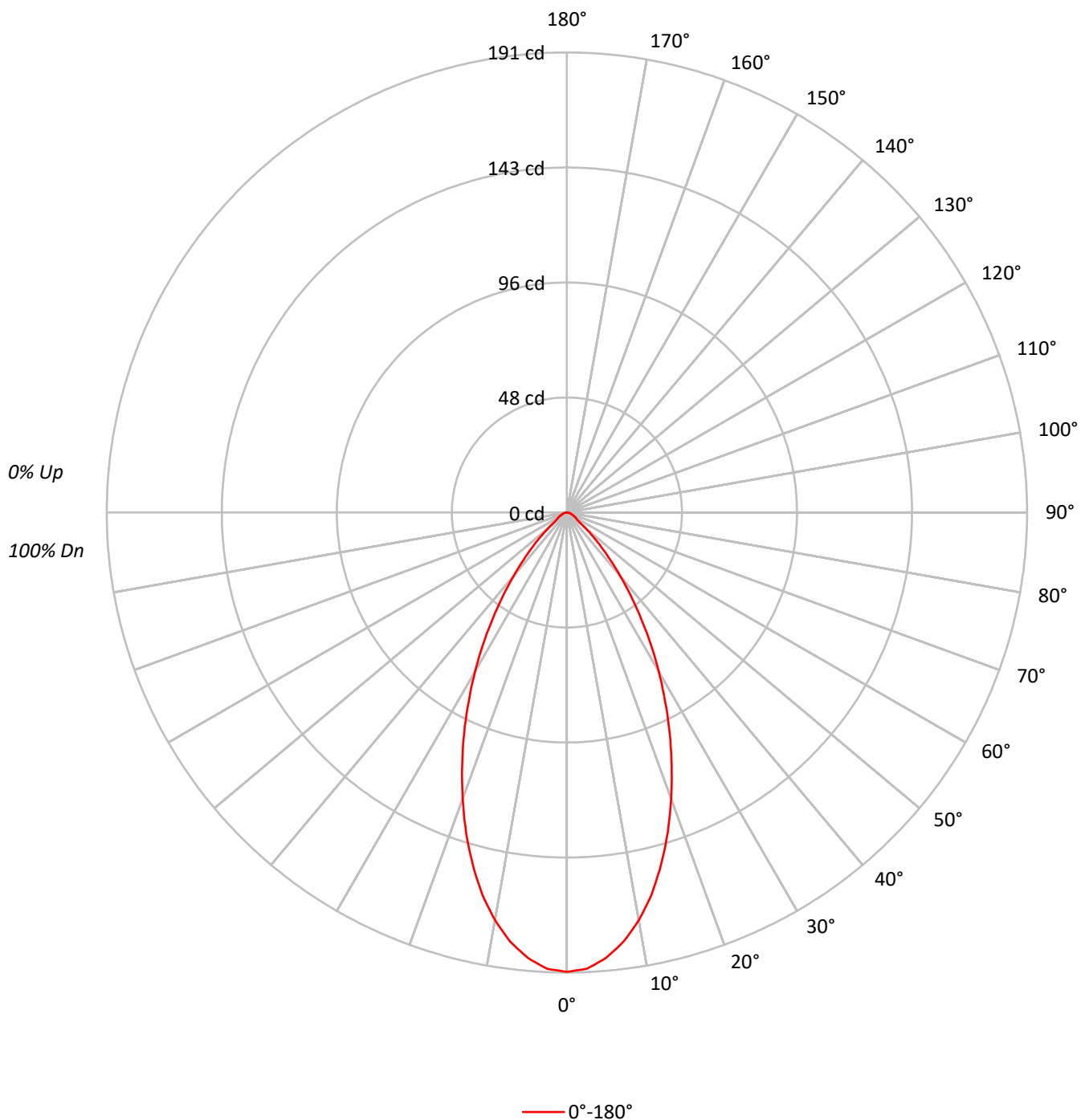
Lumens per Lamp: N/A
Luminaire Lumens: 165.0 lumens
Efficiency: N/A
Efficacy: 45.8 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1248248

CATALOG NUMBER: P3AS02R609027DE010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1248248

CATALOG NUMBER: P3AS02R609027DE010 E3DLP1H

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°	41817
5°	40876
10°	38276
15°	34325
20°	29519
25°	24413
30°	19294
35°	14322
40°	9876
45°	6202
50°	3411
55°	1988
60°	1798
65°	1505
70°	1282
75°	1356
80°	1137
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6202 cd/sqm

TEST NUMBER: P1248248

CATALOG NUMBER: P3AS02R609027DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.3	10.5
10°-20°	42.0	25.5
20°-30°	46.1	27.9
30°-40°	33.6	20.3
40°-50°	15.9	9.6
50°-60°	5.2	3.1
60°-70°	2.9	1.8
70°-80°	1.6	1.0
80°-90°	0.5	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°	105.4	63.9
0°-40°	138.9	84.2
0°-60°	160.0	97.0
0°-90°	165.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	165.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	191	
5°	186	17
15°	151	42
25°	101	46
35°	54	34
45°	20	16
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1248248

CATALOG NUMBER: P3AS02R609027DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	190.7
2.5°	189.6
5°	185.7
7.5°	179.8
10°	171.9
12.5°	162.4
15°	151.2
17.5°	139.2
20°	126.5
22.5°	113.6
25°	100.9
27.5°	88.2
30°	76.2
32.5°	64.6
35°	53.5
37.5°	43.5
40°	34.5
42.5°	26.5
45°	20.0
47.5°	14.5
50°	10.0
52.5°	6.6
55°	5.2
57.5°	4.5
60°	4.1
62.5°	3.4
65°	2.9
67.5°	2.5
70°	2.0
72.5°	1.8
75°	1.6
77.5°	1.1
80°	0.9
82.5°	0.7
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)