

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: P1248148

Luminaire Tested: P3AS02R459027DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248148
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R459027DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

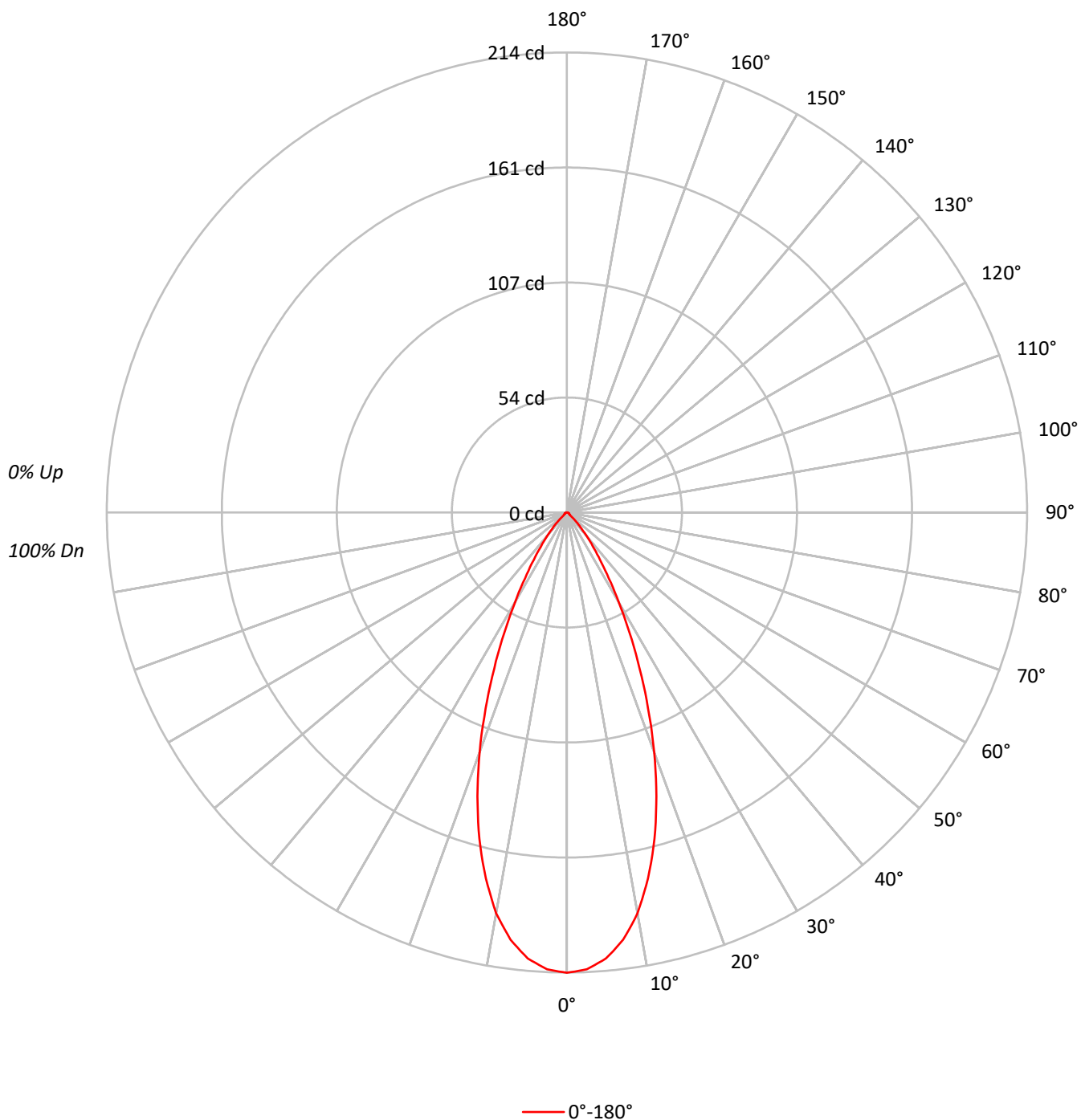
Lumens per Lamp: N/A
Luminaire Lumens: 125.0 lumens
Efficiency: N/A
Efficacy: 34.7 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1248148

CATALOG NUMBER: P3AS02R459027DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1248148

CATALOG NUMBER: P3AS02R459027DE010 E3DL1GPH

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	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	109	104	100	97	106	102	99	96	99	96	94		96	94	92		93
3	104	98	93	89	102	96	92	88	94	90	87		91	88	86		89
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85
5	94	87	81	77	93	86	81	77	84	80	76		82	79	76		81
6	90	82	77	73	89	81	76	72	80	75	72		78	74	71		77
7	86	78	72	68	85	77	72	68	76	71	68		75	71	67		74
8	83	74	68	65	82	73	68	65	72	68	64		71	67	64		70
9	79	70	65	61	78	70	65	61	69	64	61		68	64	61		67
10	76	67	62	58	75	67	62	58	66	61	58		65	61	58		65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	46948
5°	45851
10°	42150
15°	35710
20°	27699
25°	19356
30°	12204
35°	7174
40°	4065
45°	1985
50°	682
55°	573
60°	526
65°	519
70°	513
75°	508
80°	379
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1985 cd/sqm

TEST NUMBER: P1248148

CATALOG NUMBER: P3AS02R459027DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.3	15.4
10°-20°	43.2	34.6
20°-30°	36.7	29.3
30°-40°	17.5	14.0
40°-50°	5.3	4.2
50°-60°	1.3	1.1
60°-70°	1.0	0.8
70°-80°	0.6	0.5
80°-90°	0.1	0.1
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°	99.1	79.3
0°-40°	116.6	93.3
0°-60°	123.2	98.6
0°-90°	125.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	125.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	214	
5°	208	19
15°	157	43
25°	80	37
35°	27	17
45°	6	5
55°	2	1
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1248148

CATALOG NUMBER: P3AS02R459027DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	214.1
2.5°	212.7
5°	208.3
7.5°	200.5
10°	189.3
12.5°	174.3
15°	157.3
17.5°	138.4
20°	118.7
22.5°	98.7
25°	80.0
27.5°	63.0
30°	48.2
32.5°	36.2
35°	26.8
37.5°	19.8
40°	14.2
42.5°	9.8
45°	6.4
47.5°	3.6
50°	2.0
52.5°	1.6
55°	1.5
57.5°	1.3
60°	1.2
62.5°	1.1
65°	1.0
67.5°	0.9
70°	0.8
72.5°	0.7
75°	0.6
77.5°	0.4
80°	0.3
82.5°	0.2
85°	0.1
87.5°	0.1
90°	0.0

(END OF REPORT)