

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: P1248555

Luminaire Tested: P3AS05R459027DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248555
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: P3AS05R459027DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

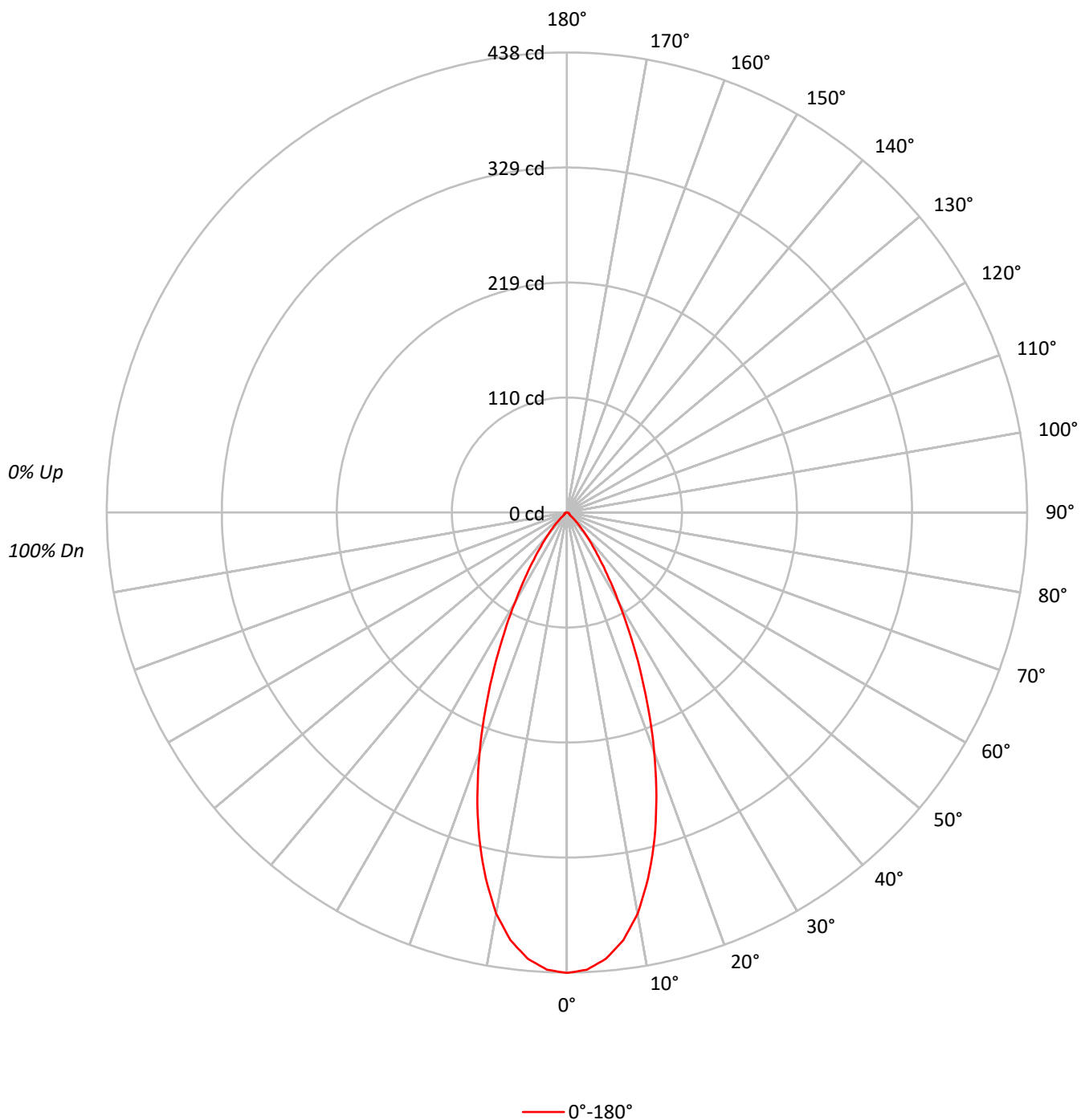
Lumens per Lamp: N/A
Luminaire Lumens: 255.9 lumens
Efficiency: N/A
Efficacy: 35.5 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1248555

CATALOG NUMBER: P3AS05R459027DE010 E3DL1GPH

Luminous Intensity Polar Plot



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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°	96133
5°	93880
10°	86304
15°	73122
20°	56728
25°	39656
30°	24991
35°	14696
40°	8330
45°	4031
50°	1399
55°	1147
60°	1096
65°	1090
70°	1026
75°	932
80°	884
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4031 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.5	15.4
10°-20°	88.5	34.6
20°-30°	75.1	29.3
30°-40°	35.8	14.0
40°-50°	10.8	4.2
50°-60°	2.7	1.1
60°-70°	2.0	0.8
70°-80°	1.2	0.5
80°-90°	0.3	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°	203.0	79.3
0°-40°	238.9	93.3
0°-60°	252.4	98.6
0°-90°	255.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	255.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	438	
5°	426	39
15°	322	88
25°	164	75
35°	55	36
45°	13	11
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	438.4
2.5°	435.7
5°	426.5
7.5°	410.7
10°	387.6
12.5°	356.9
15°	322.1
17.5°	283.4
20°	243.1
22.5°	202.2
25°	163.9
27.5°	129.1
30°	98.7
32.5°	74.2
35°	54.9
37.5°	40.5
40°	29.1
42.5°	20.1
45°	13.0
47.5°	7.3
50°	4.1
52.5°	3.2
55°	3.0
57.5°	2.7
60°	2.5
62.5°	2.3
65°	2.1
67.5°	1.8
70°	1.6
72.5°	1.4
75°	1.1
77.5°	0.9
80°	0.7
82.5°	0.5
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)