

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: P1246133

Luminaire Tested: P3A05R359024DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246133
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R359024DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

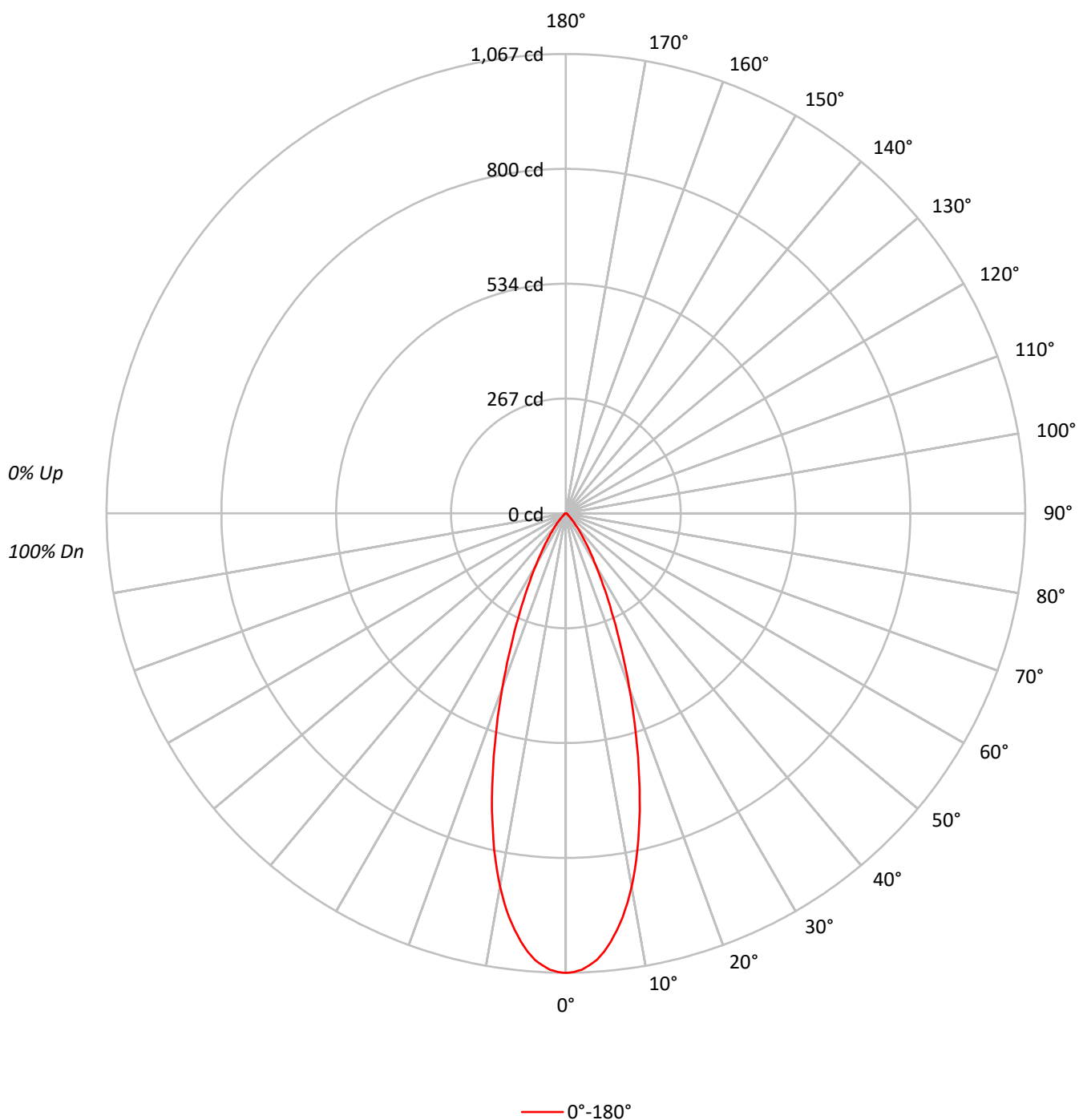
Lumens per Lamp: N/A
Luminaire Lumens: 464.0 lumens
Efficiency: N/A
Efficacy: 64.4 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1246133

CATALOG NUMBER: P3A05R359024DE010 E3DL1WMH

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	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	69	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	234016
5°	224917
10°	195966
15°	150103
20°	100412
25°	60754
30°	34866
35°	19488
40°	10362
45°	5334
50°	2559
55°	2026
60°	1930
65°	1608
70°	1667
75°	1525
80°	1642
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5334 cd/sqm

TEST NUMBER: P1246133

CATALOG NUMBER: P3A05R359024DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.0	20.0
10°-20°	180.2	38.8
20°-30°	117.9	25.4
30°-40°	47.8	10.3
40°-50°	14.4	3.1
50°-60°	4.9	1.1
60°-70°	3.3	0.7
70°-80°	1.9	0.4
80°-90°	0.6	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°	391.1	84.3
0°-40°	438.9	94.6
0°-60°	458.1	98.7
0°-90°	464.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	464.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1067	
5°	1022	93
15°	661	180
25°	251	118
35°	73	48
45°	17	14
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1246133

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1067.2
1°	1065.5
2°	1060.6
3°	1050.9
4°	1039.4
5°	1021.8
6°	999.7
7°	975.0
8°	947.2
9°	915.4
10°	880.1
11°	840.8
12°	799.8
13°	753.9
14°	710.2
15°	661.2
17.5°	542.4
20°	430.3
22.5°	331.0
25°	251.1
27.5°	187.1
30°	137.7
32.5°	101.1
35°	72.8
37.5°	51.6
40°	36.2
42.5°	25.2
45°	17.2
47.5°	11.5
50°	7.5
52.5°	5.7
55°	5.3
57.5°	4.9
60°	4.4
62.5°	4.0
65°	3.1
67.5°	2.6
70°	2.6
72.5°	2.2
75°	1.8
77.5°	1.3
80°	1.3
82.5°	0.9
85°	0.4
87.5°	0.4



TEST NUMBER: P1246133
CATALOG NUMBER: P3A05R359024DE010 E3DL1WMH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)