

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: P1289190

Luminaire Tested: P3A05R35W2N902750DE010 E3PHLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289190
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R35W2N902750DE010 E3PHLD1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

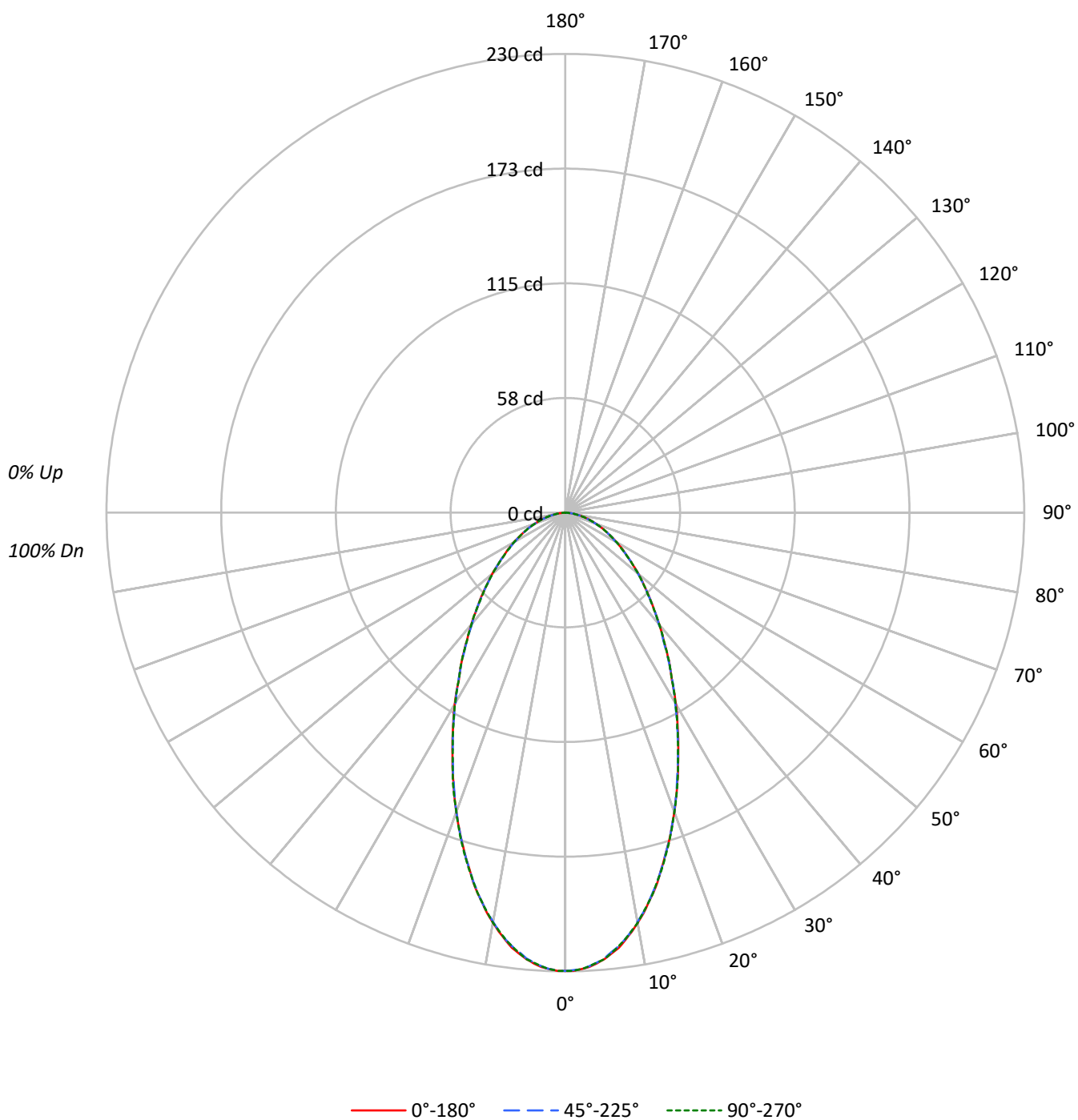
Lumens per Lamp: N/A
Luminaire Lumens: 307.0 lumens
Efficiency: N/A
Efficacy: 52.0 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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

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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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	111	107	103	100	108	105	101	99	100	98	95		97	95	93		93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82		87	84	81		84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72		79	75	71		77	73	70	68
4	88	78	71	65	86	77	70	65	75	68	64		72	67	63		70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57		66	61	56		65	60	56	54
6	77	65	58	52	75	65	57	52	63	56	51		61	55	51		60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47		57	51	46		55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43		53	47	43		52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39		49	44	39		48	43	39	38
10	60	49	42	37	59	48	41	37	47	41	37		46	41	36		45	40	36	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	50391	50391	50391
5°	49461	49373	49461
10°	46492	46403	46492
15°	42089	42089	42180
20°	37267	37267	37267
25°	32397	32300	32300
30°	28080	27878	27979
35°	24173	24066	24173
40°	20982	20868	20982
45°	18421	18296	18296
50°	16341	16204	16204
55°	14375	14375	14375
60°	13025	12850	13025
65°	11726	11726	11726
70°	10386	10386	10386
75°	9404	9065	9404
80°	7956	7956	7956
85°	5032	5032	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18421 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.9	6.8
10°-20°	51.7	16.8
20°-30°	61.4	20.0
30°-40°	56.5	18.4
40°-50°	45.9	14.9
50°-60°	33.9	11.1
60°-70°	22.4	7.3
70°-80°	11.6	3.8
80°-90°	2.6	0.9
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°	134.1	43.7
0°-40°	190.5	62.1
0°-60°	270.3	88.1
0°-90°	307.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	307.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	230	230	230	230	230	
5°	225	224	224	224	225	21
15°	185	185	185	185	186	52
25°	134	134	134	134	134	62
35°	90	90	90	90	90	57
45°	59	59	59	59	59	46
55°	38	38	38	38	38	34
65°	23	23	23	23	23	22
75°	11	11	11	11	11	12
85°	2	2	2	2	2	3
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	229.8	229.8	229.8	229.8	229.8
1°	229.8	229.4	229.4	229.4	229.8
2°	229.0	229.0	229.0	229.0	229.0
3°	228.2	227.8	227.8	227.8	227.8
4°	226.6	226.2	226.2	226.2	226.2
5°	224.7	224.3	224.3	224.3	224.7
6°	222.3	221.9	221.5	221.5	221.9
7°	219.9	219.1	219.1	219.1	219.1
8°	216.3	215.9	215.9	215.9	215.9
9°	212.8	212.0	212.4	212.4	212.4
10°	208.8	208.4	208.4	208.4	208.8
11°	204.8	204.4	204.4	204.0	204.4
12°	200.1	200.1	200.1	200.1	200.1
13°	195.7	195.3	195.3	195.3	195.7
14°	191.0	190.6	190.6	190.6	190.6
15°	185.4	185.4	185.4	185.4	185.8
17.5°	172.7	172.4	172.7	172.7	173.1
20°	159.7	159.3	159.7	159.7	159.7
22.5°	146.6	146.6	146.2	146.6	147.0
25°	133.9	133.5	133.5	133.9	133.5
27.5°	122.0	121.6	121.6	121.6	121.6
30°	110.9	110.1	110.1	110.5	110.5
32.5°	99.4	99.4	99.8	99.4	99.4
35°	90.3	89.9	89.9	90.3	90.3
37.5°	81.2	80.8	80.8	81.2	81.2
40°	73.3	73.3	72.9	73.3	73.3
42.5°	65.8	65.8	65.8	65.8	65.8
45°	59.4	59.0	59.0	59.0	59.0
47.5°	53.1	53.1	53.1	52.7	53.1
50°	47.9	47.5	47.5	47.5	47.5
52.5°	42.4	42.4	42.4	42.4	42.4
55°	37.6	37.6	37.6	37.6	37.6
57.5°	33.7	33.3	33.3	33.3	33.3
60°	29.7	29.7	29.3	29.7	29.7
62.5°	25.8	25.8	25.8	25.8	25.8
65°	22.6	22.6	22.6	22.6	22.6
67.5°	19.4	19.4	19.4	19.4	19.4
70°	16.2	16.2	16.2	16.2	16.2
72.5°	13.9	13.5	13.5	13.5	13.5
75°	11.1	11.1	10.7	11.1	11.1
77.5°	8.3	8.3	8.3	8.3	8.3
80°	6.3	6.3	6.3	5.9	6.3
82.5°	4.0	4.0	4.0	4.0	4.0
85°	2.0	2.0	2.0	2.0	2.0
87.5°	0.4	0.4	0.4	0.8	0.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)