

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: P1284870

Luminaire Tested: P3AS13R30B2750DE010 E3PHLD1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284870
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R30B2750DE010 E3PHLD1MW_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 80CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

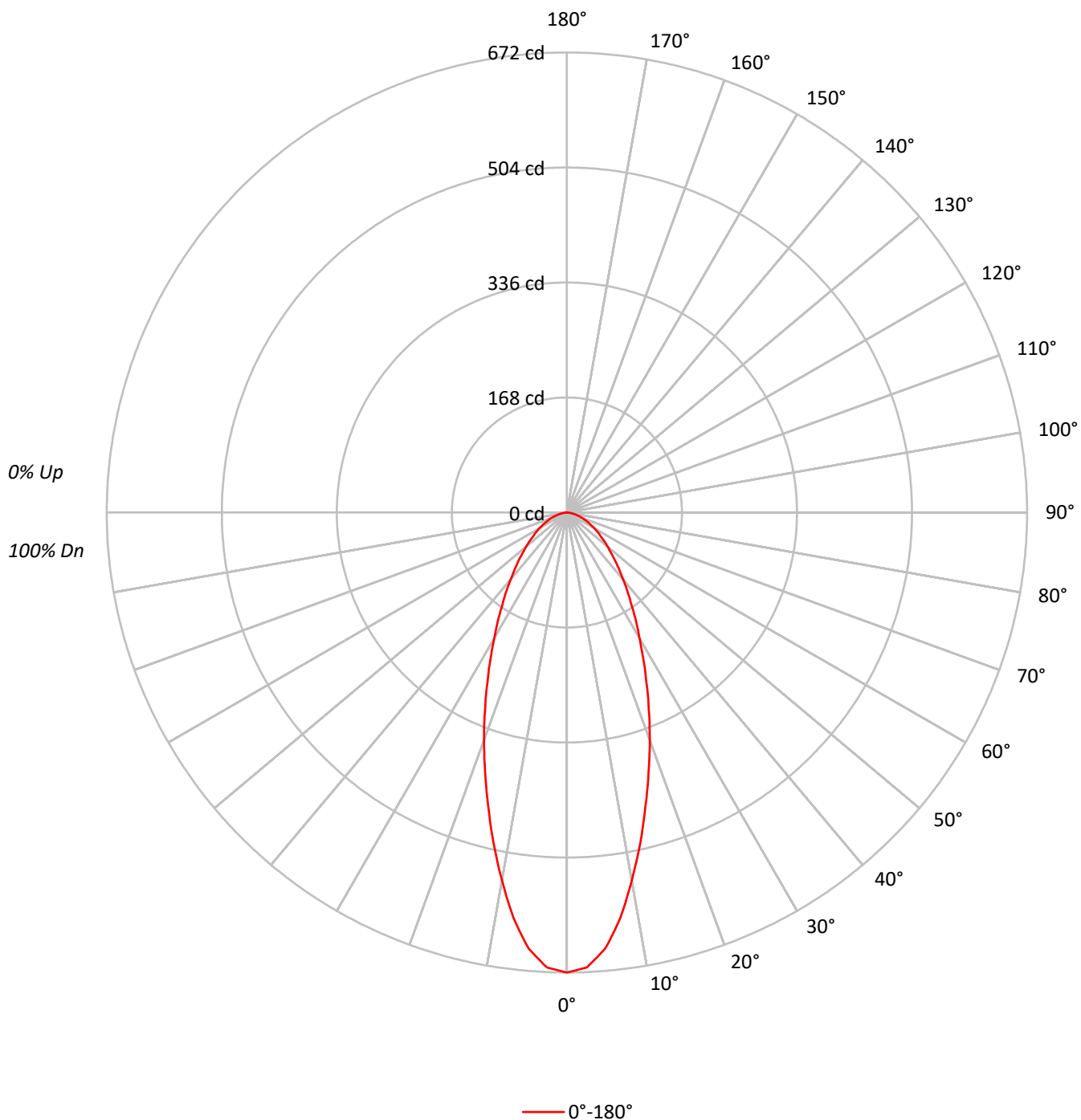
Lumens per Lamp: N/A
Luminaire Lumens: 598.0 lumens
Efficiency: N/A
Efficacy: 31.3 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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: P1284870

CATALOG NUMBER: P3AS13R30B2750DE010 E3PHLD1MW_4000K

Luminous Intensity Polar Plot





TEST NUMBER: P1284870

CATALOG NUMBER: P3AS13R30B2750DE010 E3PHLD1MW_4000K

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	30	10	0		
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	91	90		
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80		
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	76	73	71		
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	65		
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	59		
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	54		
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	50		
8	71	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	46		
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	43		
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	40		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	147357
5°	140832
10°	121485
15°	100704
20°	82537
25°	66536
30°	53629
35°	43928
40°	36497
45°	30949
50°	26472
55°	22900
60°	20437
65°	17849
70°	15644
75°	13132
80°	9850
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30949 cd/sqm

TEST NUMBER: P1284870

CATALOG NUMBER: P3AS13R30B2750DE010 E3PHLD1MW_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.0	9.7
10°-20°	123.7	20.7
20°-30°	126.8	21.2
30°-40°	103.6	17.3
40°-50°	77.5	13.0
50°-60°	54.5	9.1
60°-70°	34.3	5.7
70°-80°	16.5	2.8
80°-90°	3.2	0.5
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°	308.5	51.6
0°-40°	412.1	68.9
0°-60°	544.1	91.0
0°-90°	598.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	598.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	672	
5°	640	58
15°	444	124
25°	275	127
35°	164	104
45°	100	78
55°	60	54
65°	34	34
75°	16	17
85°	2	3
90°	0	

TEST NUMBER: P1284870

CATALOG NUMBER: P3AS13R30B2750DE010 E3PHLD1MW_4000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	672.0
2.5°	665.3
5°	639.8
7.5°	597.7
10°	545.6
12.5°	494.6
15°	443.6
17.5°	397.0
20°	353.7
22.5°	312.7
25°	275.0
27.5°	241.7
30°	211.8
32.5°	187.4
35°	164.1
37.5°	145.3
40°	127.5
42.5°	113.1
45°	99.8
47.5°	87.6
50°	77.6
52.5°	68.8
55°	59.9
57.5°	53.2
60°	46.6
62.5°	39.9
65°	34.4
67.5°	28.8
70°	24.4
72.5°	20.0
75°	15.5
77.5°	11.1
80°	7.8
82.5°	4.4
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)