

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: P1285598

Luminaire Tested: P3AS13R60B2750DE010 E3CD1MMS_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285598
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R60B2750DE010 E3CD1MMS_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3CD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

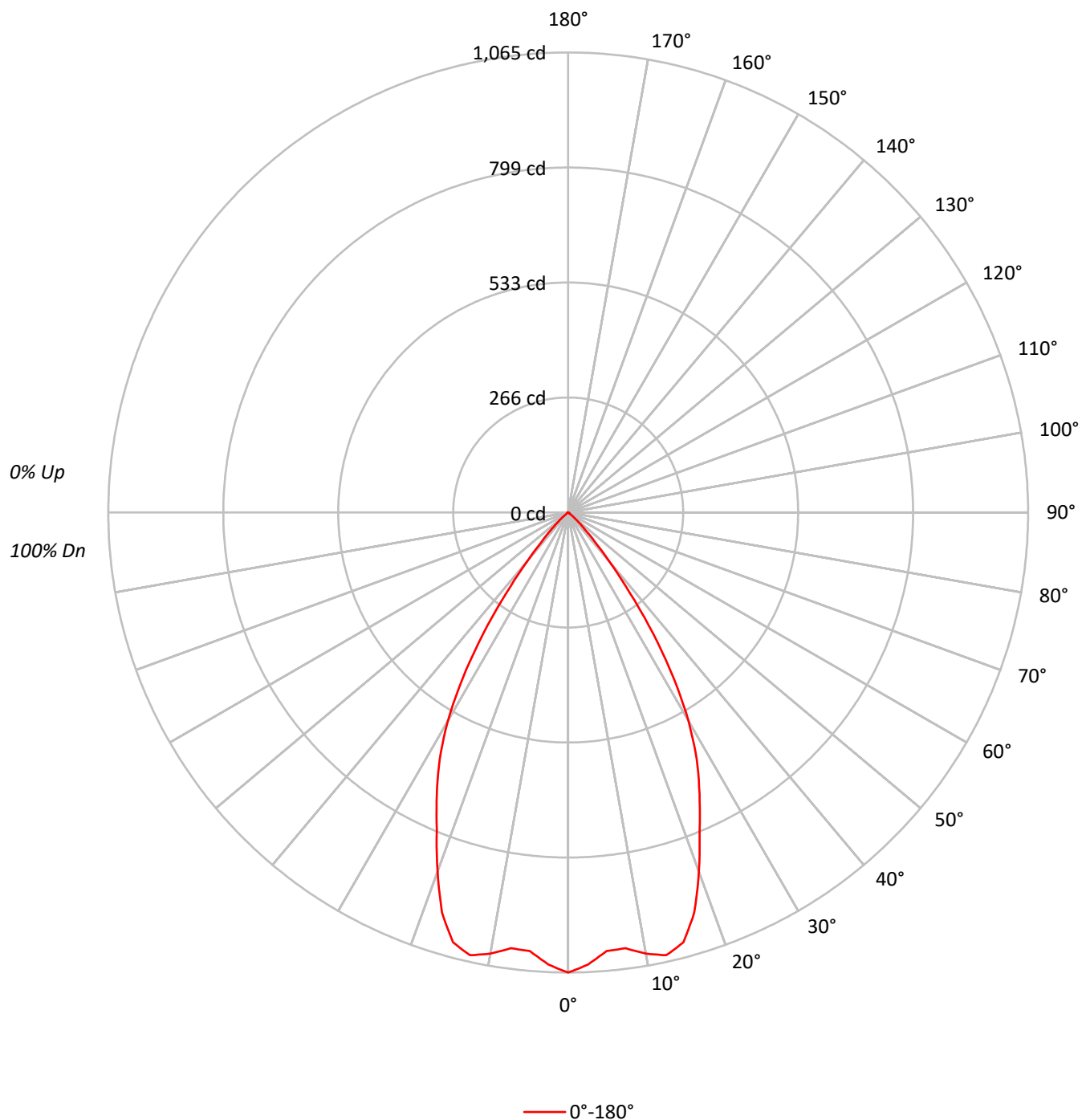
Lumens per Lamp: N/A
Luminaire Lumens: 978.1 lumens
Efficiency: N/A
Efficacy: 51.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1285598

CATALOG NUMBER: P3AS13R60B2750DE010 E3CD1MMS_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1285598

CATALOG NUMBER: P3AS13R60B2750DE010 E3CD1MMS_3000K

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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	111	108	106	111	109	106	104	105	103	101	101	100	98	97	96	95	94		
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87		
3	103	96	91	88	101	95	90	87	92	89	85	90	87	84	88	85	83	81		
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	77	76		
5	93	84	79	74	91	84	78	74	82	77	73	80	76	73	79	75	72	71		
6	88	79	73	69	87	78	73	69	77	72	68	76	71	68	74	70	68	66		
7	84	75	69	64	82	74	68	64	73	68	64	71	67	64	70	66	63	62		
8	80	70	64	60	78	70	64	60	69	64	60	68	63	60	67	62	59	58		
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55		
10	72	63	57	53	71	62	57	53	62	56	53	61	56	53	60	56	53	51		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	233534
5°	224279
10°	230902
15°	233872
20°	206518
25°	174058
30°	141161
35°	91926
40°	42222
45°	16188
50°	5424
55°	1453
60°	1316
65°	1193
70°	962
75°	1271
80°	1010
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 16188 cd/sqm

TEST NUMBER: P1285598

CATALOG NUMBER: P3AS13R60B2750DE010 E3CD1MMS_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.1	10.0
10°-20°	282.1	28.8
20°-30°	329.1	33.6
30°-40°	212.3	21.7
40°-50°	47.6	4.9
50°-60°	4.8	0.5
60°-70°	2.3	0.2
70°-80°	1.3	0.1
80°-90°	0.5	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°	709.3	72.5
0°-40°	921.6	94.2
0°-60°	973.9	99.6
0°-90°	978.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	978.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1065	
5°	1019	98
15°	1030	282
25°	719	329
35°	343	212
45°	52	48
55°	4	5
65°	2	2
75°	2	1
85°	1	1
90°	0	

TEST NUMBER: P1285598

CATALOG NUMBER: P3AS13R60B2750DE010 E3CD1MMS_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1065.0
2.5°	1047.6
5°	1018.9
7.5°	1017.4
10°	1037.0
12.5°	1049.9
15°	1030.2
17.5°	971.2
20°	885.0
22.5°	795.0
25°	719.4
27.5°	645.2
30°	557.5
32.5°	454.6
35°	343.4
37.5°	234.5
40°	147.5
42.5°	88.5
45°	52.2
47.5°	30.3
50°	15.9
52.5°	5.3
55°	3.8
57.5°	3.0
60°	3.0
62.5°	2.3
65°	2.3
67.5°	2.3
70°	1.5
72.5°	1.5
75°	1.5
77.5°	0.8
80°	0.8
82.5°	0.8
85°	0.8
87.5°	0.0
90°	0.0

(END OF REPORT)