

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: P1285737

Luminaire Tested: P3AS13R65B2750DE010 E3CD1MB_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285737
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R65B2750DE010 E3CD1MB_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

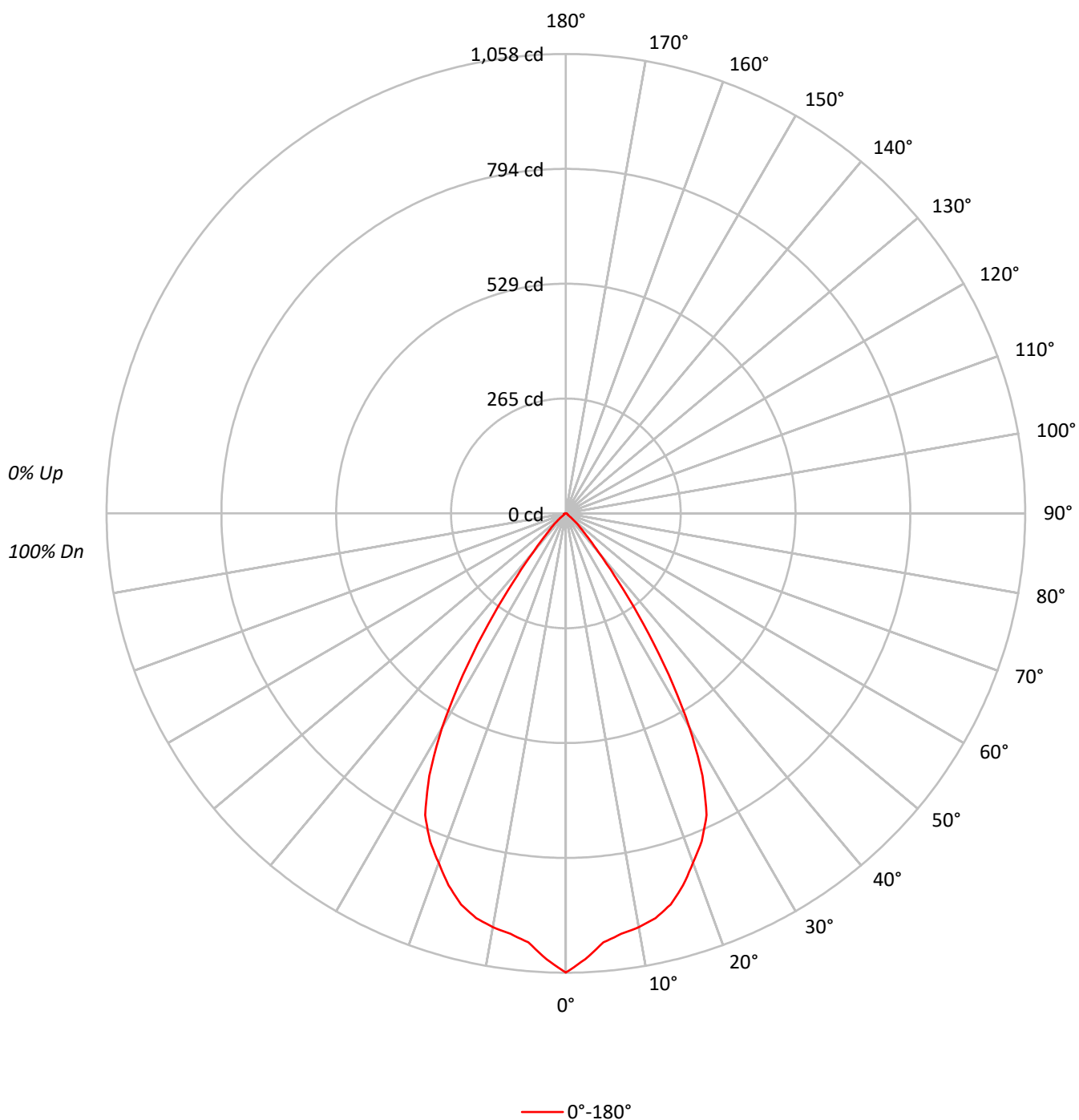
Lumens per Lamp: N/A
Luminaire Lumens: 949.0 lumens
Efficiency: N/A
Efficacy: 49.7 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1285737

CATALOG NUMBER: P3AS13R65B2750DE010 E3CD1MB_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1285737

CATALOG NUMBER: P3AS13R65B2750DE010 E3CD1MB_2700K

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	114	111	108	106	111	109	106	104	105	103	101		101	99	98		97	96	95	94
2	108	103	99	96	106	101	98	95	98	95	93		95	93	91		92	90	89	87
3	103	96	91	87	101	95	90	87	92	88	85		90	87	84		88	85	83	81
4	97	90	84	80	96	89	84	80	87	82	79		85	81	78		83	80	77	75
5	93	84	78	74	91	83	78	74	82	77	73		80	76	73		78	75	72	70
6	88	79	73	69	86	78	73	69	77	72	68		75	71	68		74	70	67	66
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70	66	63	62
8	80	70	64	60	78	69	64	60	68	63	60		67	63	59		66	62	59	58
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63	59	56	54
10	72	63	57	53	71	62	57	53	61	56	53		60	56	53		60	55	52	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	231911
5°	218269
10°	215494
15°	211692
20°	199867
25°	185503
30°	144199
35°	83413
40°	33606
45°	15474
50°	6038
55°	2332
60°	2017
65°	1972
70°	1988
75°	1949
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 15474 cd/sqm

TEST NUMBER: P1285737

CATALOG NUMBER: P3AS13R65B2750DE010 E3CD1MB_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.3	9.9
10°-20°	260.4	27.4
20°-30°	340.9	35.9
30°-40°	197.4	20.8
40°-50°	42.3	4.5
50°-60°	6.9	0.7
60°-70°	3.8	0.4
70°-80°	2.2	0.2
80°-90°	0.9	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°	695.5	73.3
0°-40°	893.0	94.1
0°-60°	942.1	99.3
0°-90°	949.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	949.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1058	
5°	992	94
15°	932	260
25°	767	341
35°	312	197
45°	50	42
55°	6	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1285737

CATALOG NUMBER: P3AS13R65B2750DE010 E3CD1MB_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1057.6
2.5°	1027.7
5°	991.6
7.5°	977.0
10°	967.8
12.5°	954.8
15°	932.5
17.5°	898.0
20°	856.5
22.5°	817.4
25°	766.7
27.5°	681.5
30°	569.5
32.5°	441.3
35°	311.6
37.5°	197.2
40°	117.4
42.5°	73.7
45°	49.9
47.5°	32.2
50°	17.7
52.5°	8.4
55°	6.1
57.5°	5.4
60°	4.6
62.5°	4.6
65°	3.8
67.5°	3.1
70°	3.1
72.5°	2.3
75°	2.3
77.5°	1.5
80°	1.5
82.5°	0.8
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)