

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: P1285283

Luminaire Tested: P3AS13R45B2750DE010 E3DLP1WMH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285283
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R45B2750DE010 E3DLP1WMH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

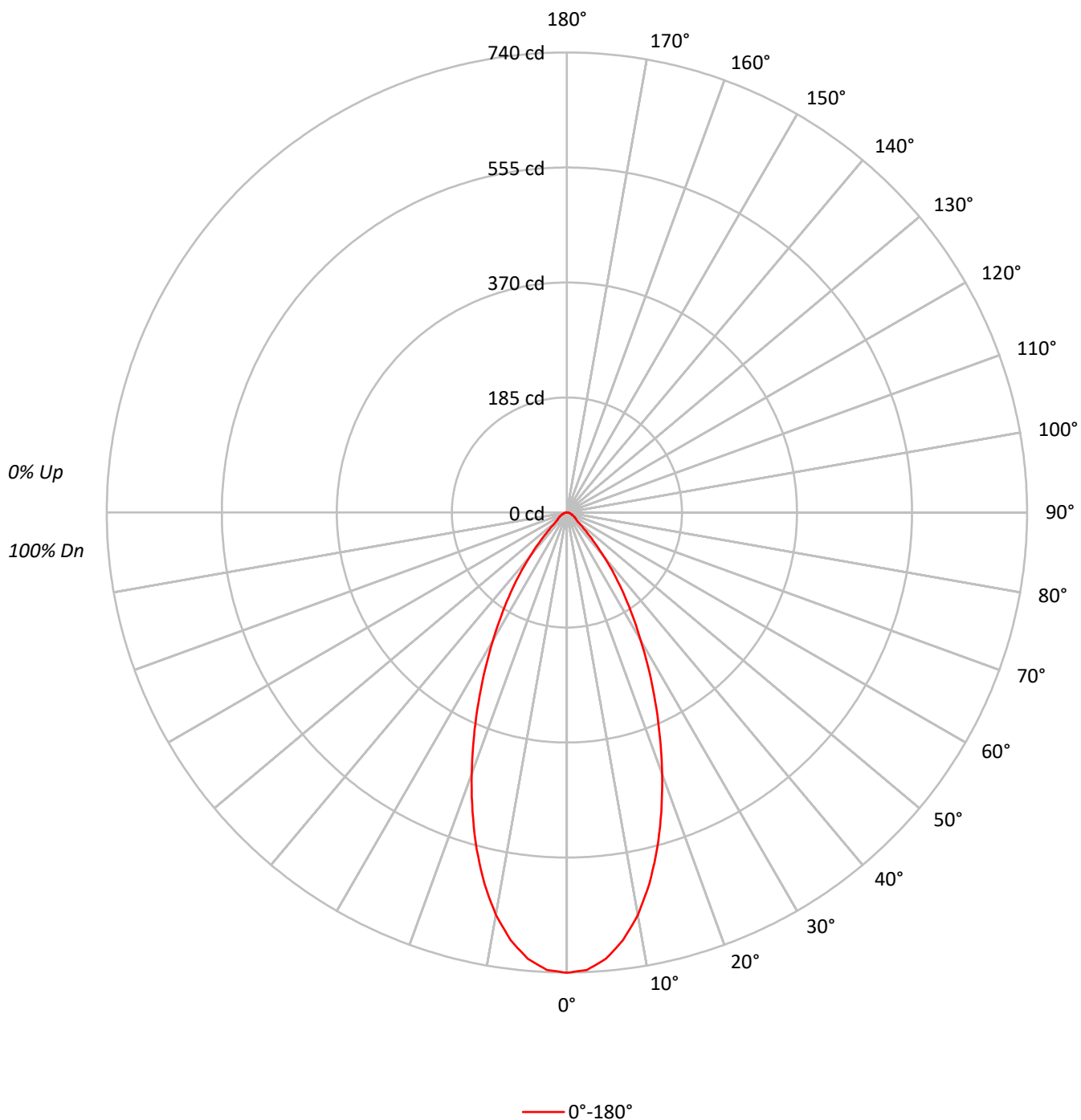
Lumens per Lamp: N/A
Luminaire Lumens: 545.0 lumens
Efficiency: N/A
Efficacy: 28.5 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1285283

CATALOG NUMBER: P3AS13R45B2750DE010 E3DLP1WMH_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1285283

CATALOG NUMBER: P3AS13R45B2750DE010 E3DLP1WMH_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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		69
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	162333
5°	158639
10°	146334
15°	127243
20°	104542
25°	81343
30°	60060
35°	42269
40°	26392
45°	14296
50°	7744
55°	6652
60°	5964
65°	5085
70°	4360
75°	4490
80°	3788
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14296 cd/sqm

TEST NUMBER: P1285283

CATALOG NUMBER: P3AS13R45B2750DE010 E3DLP1WMH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.7	12.2
10°-20°	155.0	28.4
20°-30°	153.8	28.2
30°-40°	99.1	18.2
40°-50°	38.2	7.0
50°-60°	15.5	2.8
60°-70°	9.8	1.8
70°-80°	5.3	1.0
80°-90°	1.7	0.3
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°	375.5	68.9
0°-40°	474.6	87.1
0°-60°	528.3	96.9
0°-90°	545.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	545.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	740	
5°	721	67
15°	560	155
25°	336	154
35°	158	99
45°	46	38
55°	17	16
65°	10	10
75°	5	5
85°	2	2
90°	0	

TEST NUMBER: P1285283

CATALOG NUMBER: P3AS13R45B2750DE010 E3DLP1WMH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	740.3
2.5°	736.5
5°	720.7
7.5°	693.5
10°	657.2
12.5°	611.9
15°	560.5
17.5°	504.6
20°	448.0
22.5°	390.5
25°	336.2
27.5°	284.8
30°	237.2
32.5°	195.7
35°	157.9
37.5°	123.9
40°	92.2
42.5°	66.5
45°	46.1
47.5°	31.0
50°	22.7
52.5°	18.9
55°	17.4
57.5°	15.1
60°	13.6
62.5°	11.3
65°	9.8
67.5°	8.3
70°	6.8
72.5°	6.0
75°	5.3
77.5°	3.8
80°	3.0
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)