

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P844048

Luminaire Tested: **LD6C15DE010B2750 EU6C15B35 6LBCSMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844048
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P204757)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C15DE010B2750 EU6C15B35 6LBSCMW
Description:
Light Source: -
Ballast/Driver:

Summary

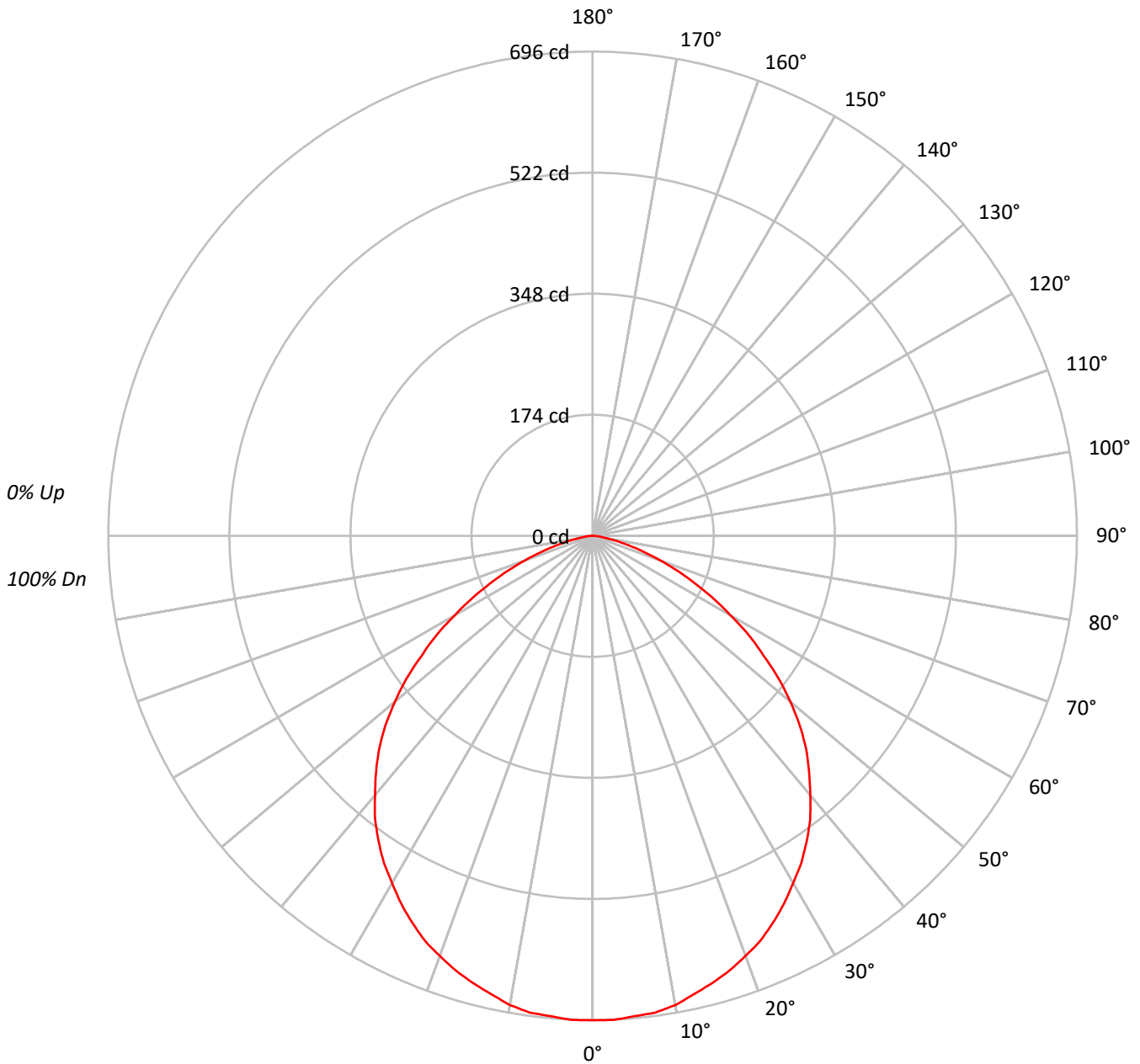
Lumens per Lamp: N/A
Luminaire Lumens: 1704.9 lumens
Efficiency: N/A
Efficacy: 100.3 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 17
Input Voltage (V):
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: 25 FT

TEST NUMBER: P844048

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B35 6LBCSMW

Luminous Intensity Polar Plot





TEST NUMBER: P844048

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B35 6LBSCMW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87				87
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74				74
3	93	83	75	70	90	81	74	69	79	73	68	76	71	67	73	69	65	63				63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55				55
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48				48
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42				42
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37				37
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	33				33
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30				30
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27				27

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	38182
5°	38147
10°	38126
15°	37770
20°	37494
25°	37115
30°	36487
35°	35891
40°	34822
45°	33655
50°	31632
55°	28635
60°	25141
65°	21170
70°	16557
75°	11607
80°	6503
85°	4529



TEST NUMBER: P844048

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B35 6LBCSMW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.0	3.9
10°-20°	187.8	11.0
20°-30°	282.5	16.6
30°-40°	334.9	19.6
40°-50°	333.2	19.5
50°-60°	268.6	15.8
60°-70°	162.5	9.5
70°-80°	60.3	3.5
80°-90°	9.0	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°	536.3	31.5
0°-40°	871.2	51.1
0°-60°	1473.1	86.4
0°-90°	1704.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1704.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	696	
5°	693	66
15°	666	188
25°	614	283
35°	536	335
45°	434	333
55°	300	269
65°	163	162
75°	55	60
85°	7	9
90°	0	



TEST NUMBER: P844048

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B35 6LBCSMW

CANDELA DISTRIBUTION (FULL):

	0°
0°	696.5
2.5°	696.5
5°	693.2
7.5°	691.3
10°	684.9
12.5°	674.6
15°	665.5
17.5°	655.1
20°	642.7
22.5°	630.1
25°	613.6
27.5°	596.1
30°	576.4
32.5°	558.0
35°	536.3
37.5°	513.6
40°	486.6
42.5°	460.7
45°	434.1
47.5°	403.9
50°	370.9
52.5°	336.8
55°	299.6
57.5°	266.5
60°	229.3
62.5°	196.3
65°	163.2
67.5°	132.2
70°	103.3
72.5°	77.5
75°	54.8
77.5°	35.1
80°	20.6
82.5°	12.4
85°	7.2
87.5°	3.1
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)