

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: P844039

Luminaire Tested: **LD6C15DE010B2750 EU6C15B30 6LBMMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844039
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203577)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C15DE010B2750 EU6C15B30 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

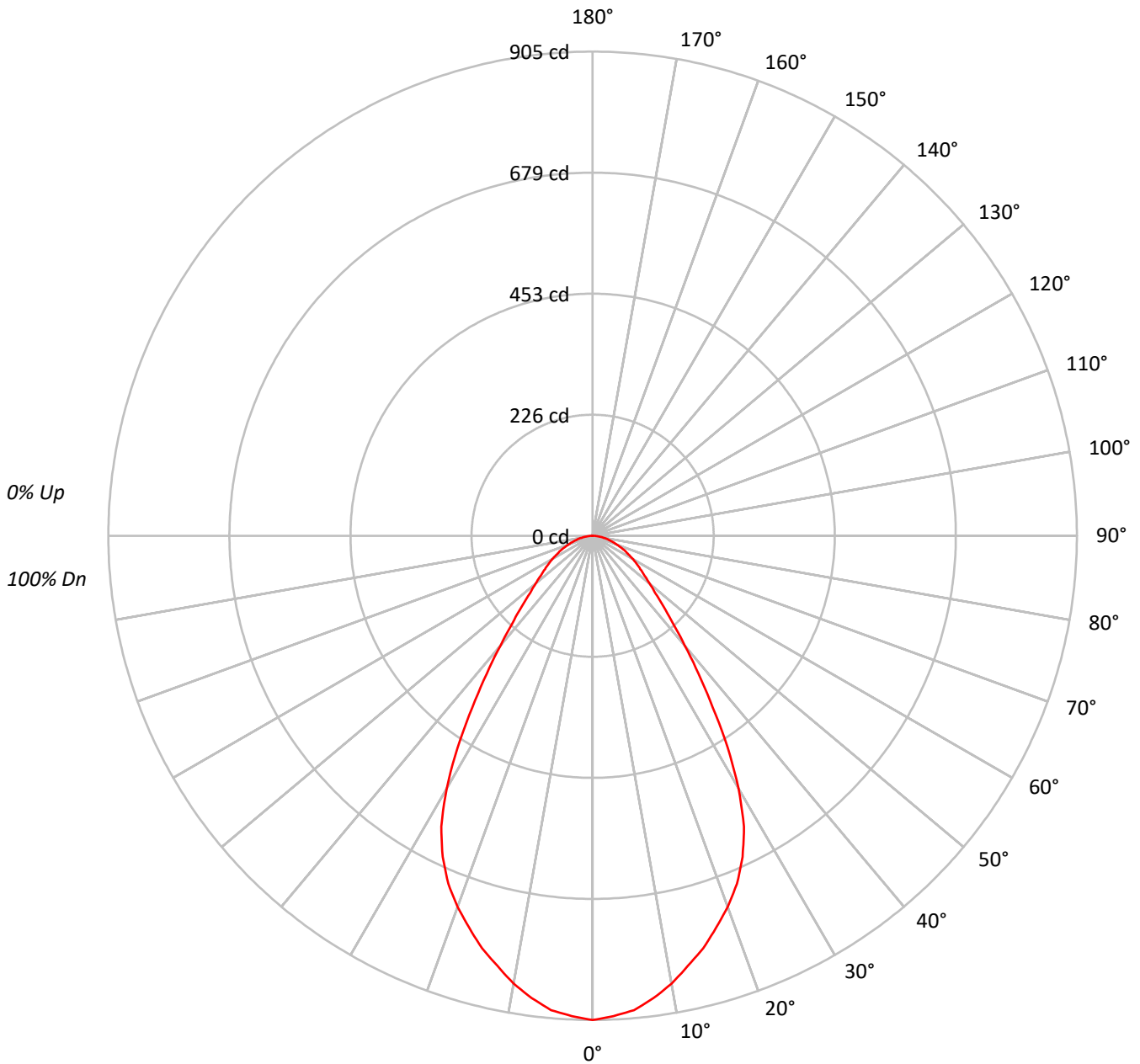
Lumens per Lamp: N/A
Luminaire Lumens: 1213.1 lumens
Efficiency: N/A
Efficacy: 71.4 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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: P844039

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B30 6LBMMW

Luminous Intensity Polar Plot





TEST NUMBER: P844039

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B30 6LBMMW

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	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89				89
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79				79
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71				71
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64				64
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58				58
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53				53
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48				48
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44				44
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	43	41				41
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38				38

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	49618
5°	48982
10°	47316
15°	45295
20°	43048
25°	40079
30°	34524
35°	26200
40°	19157
45°	14529
50°	11846
55°	10389
60°	9539
65°	8678
70°	7774
75°	7074
80°	6346
85°	5284



TEST NUMBER: P844039

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B30 6LBMMW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.6	6.9
10°-20°	224.0	18.5
20°-30°	300.7	24.8
30°-40°	246.7	20.3
40°-50°	148.2	12.2
50°-60°	98.5	8.1
60°-70°	66.0	5.4
70°-80°	35.5	2.9
80°-90°	10.0	0.8
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°	608.3	50.1
0°-40°	855.0	70.5
0°-60°	1101.6	90.8
0°-90°	1213.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1213.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	905	
5°	890	84
15°	798	224
25°	663	301
35°	392	247
45°	187	148
55°	109	98
65°	67	66
75°	33	36
85°	8	10
90°	0	



TEST NUMBER: P844039

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B30 6LBMMW

CANDELA DISTRIBUTION (FULL):

	0°
0°	905.1
2.5°	898.5
5°	890.1
7.5°	871.7
10°	850.0
12.5°	823.2
15°	798.1
17.5°	767.9
20°	737.9
22.5°	704.4
25°	662.6
27.5°	612.4
30°	545.4
32.5°	470.1
35°	391.5
37.5°	324.6
40°	267.7
42.5°	222.5
45°	187.4
47.5°	159.0
50°	138.9
52.5°	122.2
55°	108.7
57.5°	97.1
60°	87.0
62.5°	75.3
65°	66.9
67.5°	56.9
70°	48.5
72.5°	40.2
75°	33.4
77.5°	26.8
80°	20.1
82.5°	15.0
85°	8.4
87.5°	3.4
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)