

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: P844053

Luminaire Tested: **LD6C15DE010B2750 EU6C15B35 6LBMGPH**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844053
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 EU6C15B35 6LBMGPH
Description:
Light Source: -
Ballast/Driver:

Summary

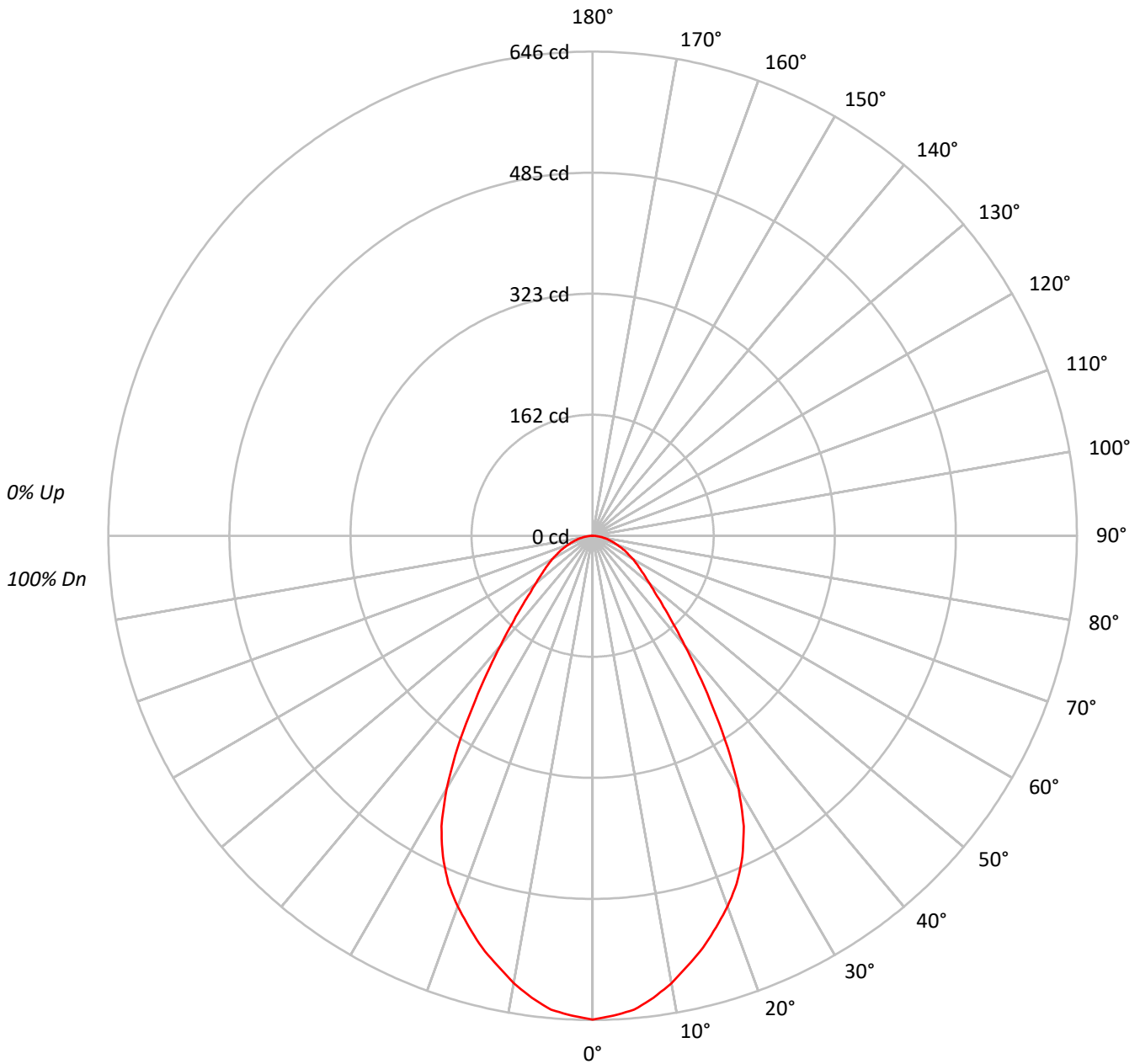
Lumens per Lamp: N/A
Luminaire Lumens: 865.2 lumens
Efficiency: N/A
Efficacy: 50.9 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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: P844053

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B35 6LBMGPH

Luminous Intensity Polar Plot





TEST NUMBER: P844053

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B35 6LBMGPH

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	35392
5°	34933
10°	33739
15°	32304
20°	30698
25°	28586
30°	24624
35°	18685
40°	13661
45°	10365
50°	8452
55°	7407
60°	6809
65°	6187
70°	5546
75°	5062
80°	4546
85°	3711



TEST NUMBER: P844053

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B35 6LBMGPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.6	6.9
10°-20°	159.7	18.5
20°-30°	214.5	24.8
30°-40°	175.9	20.3
40°-50°	105.7	12.2
50°-60°	70.2	8.1
60°-70°	47.1	5.4
70°-80°	25.3	2.9
80°-90°	7.1	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°	433.8	50.1
0°-40°	609.8	70.5
0°-60°	785.7	90.8
0°-90°	865.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	865.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	646	
5°	635	60
15°	569	160
25°	473	214
35°	279	176
45°	134	106
55°	78	70
65°	48	47
75°	24	25
85°	6	7
90°	0	



TEST NUMBER: P844053

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B35 6LBMGPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	645.6
2.5°	640.7
5°	634.8
7.5°	621.7
10°	606.1
12.5°	587.1
15°	569.2
17.5°	547.6
20°	526.2
22.5°	502.4
25°	472.6
27.5°	436.7
30°	389.0
32.5°	335.3
35°	279.2
37.5°	231.5
40°	190.9
42.5°	158.8
45°	133.7
47.5°	113.4
50°	99.1
52.5°	87.1
55°	77.5
57.5°	69.2
60°	62.1
62.5°	53.7
65°	47.7
67.5°	40.6
70°	34.6
72.5°	28.7
75°	23.9
77.5°	19.0
80°	14.4
82.5°	10.7
85°	5.9
87.5°	2.4
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)