

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: P844024

Luminaire Tested: **LD6C15DE010B2750 EU6C15B27 6LBNLI**

Issue Date: 2/17/2023

Test Information

Test Method: LM-79-08
Report Number: P844024
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205310)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C15DE010B2750 EU6C15B27 6LBNI
Description:
Light Source: -
Ballast/Driver:

Summary

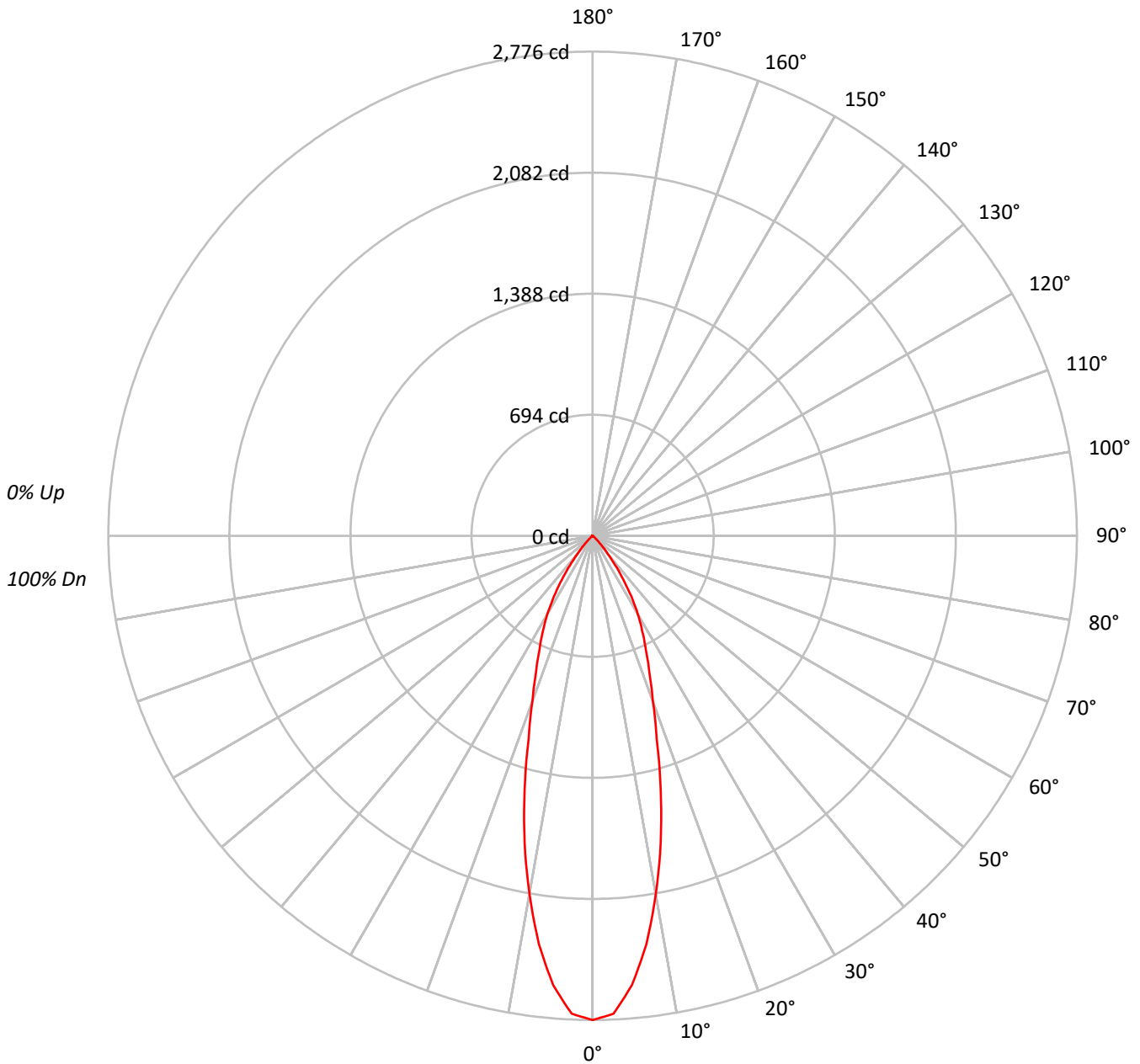
Lumens per Lamp: N/A
Luminaire Lumens: 1219.5 lumens
Efficiency: N/A
Efficacy: 71.7 lumens/watt
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.58
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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: P844024

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B27 6LBNLI

Luminous Intensity Polar Plot





TEST NUMBER: P844024

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B27 6LBNLI

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	114	112	109	107	112	109	107	106	105	104	102	102	101	99	98	97	96	95			
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	89			
3	105	99	94	91	103	97	93	90	95	91	89	93	90	87	90	88	86	85			
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	80			
5	96	88	83	79	94	87	83	79	86	82	78	84	81	78	83	80	77	76			
6	92	84	79	75	90	83	78	75	82	77	74	80	76	74	79	76	73	72			
7	88	80	74	71	87	79	74	71	78	73	70	77	73	70	76	72	69	68			
8	84	76	71	67	83	75	70	67	74	70	67	73	69	66	73	69	66	65			
9	81	73	67	64	80	72	67	64	71	67	63	70	66	63	70	66	63	62			
10	78	69	64	61	77	69	64	61	68	64	61	67	63	60	67	63	60	59			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	152203
5°	142334
10°	116086
15°	85420
20°	58881
25°	43714
30°	32834
35°	20478
40°	9940
45°	3411
50°	452
55°	335
60°	197
65°	233
70°	289
75°	0
80°	0
85°	0



TEST NUMBER: P844024

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B27 6LBNLI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	230.8	18.9
10°-20°	414.3	34.0
20°-30°	335.0	27.5
30°-40°	193.0	15.8
40°-50°	40.8	3.3
50°-60°	3.5	0.3
60°-70°	1.8	0.1
70°-80°	0.2	0.0
80°-90°	0.0	0.0
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°	980.2	80.4
0°-40°	1173.2	96.2
0°-60°	1217.5	99.8
0°-90°	1219.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1219.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2776	
5°	2586	231
15°	1505	414
25°	723	335
35°	306	193
45°	44	41
55°	4	4
65°	2	2
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P844024

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B27 6LBNLI

CANDELA DISTRIBUTION (FULL):

	0°
0°	2776.4
2.5°	2743.1
5°	2586.5
7.5°	2361.5
10°	2085.4
12.5°	1802.3
15°	1505.1
17.5°	1218.5
20°	1009.3
22.5°	849.3
25°	722.7
27.5°	615.4
30°	518.7
32.5°	411.4
35°	306.0
37.5°	212.8
40°	138.9
42.5°	84.4
45°	44.0
47.5°	17.6
50°	5.3
52.5°	5.3
55°	3.5
57.5°	3.5
60°	1.8
62.5°	1.8
65°	1.8
67.5°	1.8
70°	1.8
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)