

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: P843871

Luminaire Tested: **LD6C08DE010B2750 EU6C08B30 6LBNLI**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P843871
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: LD6C08DE010B2750 EU6C08B30 6LBNLI
Description:
Light Source: -
Ballast/Driver:

Summary

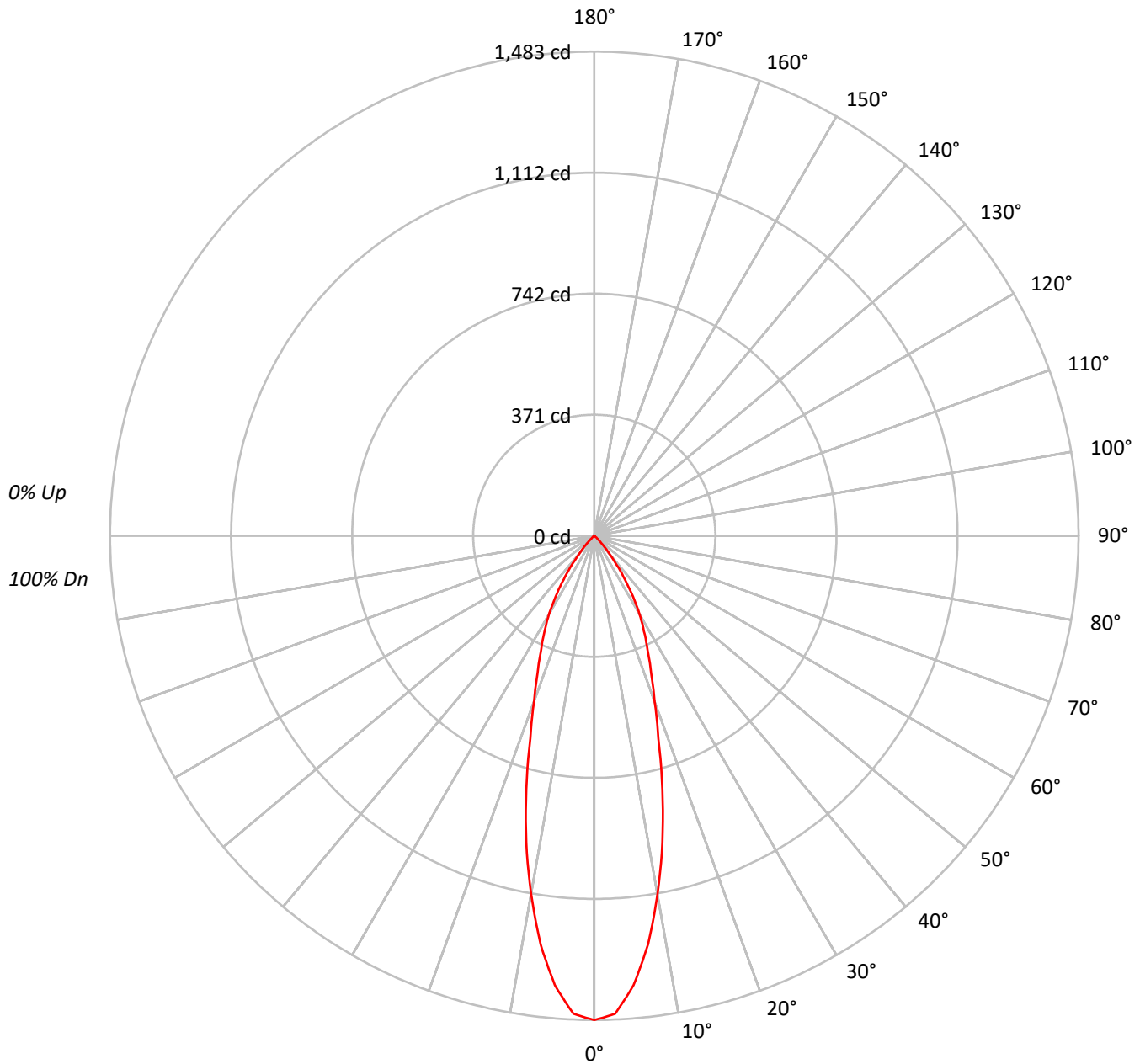
Lumens per Lamp: N/A
Luminaire Lumens: 651.5 lumens
Efficiency: N/A
Efficacy: 67.9 lumens/watt
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.57
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 9.6
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: P843871

CATALOG NUMBER: LD6C08DE010B2750 EU6C08B30 6LBNLI

Luminous Intensity Polar Plot





TEST NUMBER: P843871

CATALOG NUMBER: LD6C08DE010B2750 EU6C08B30 6LBNLI

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					50					30					0
RW	70	50	30	10		70	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			100
1	114	112	109	107		112	109	107	106		105	104	102			102	101	99			95
2	109	105	101	98		107	103	100	97		100	97	95			97	95	93			89
3	105	99	94	91		103	97	93	90		95	91	89			93	90	87			85
4	100	93	88	85		98	92	88	84		90	86	83			88	85	82			80
5	96	88	83	79		94	87	83	79		86	82	78			84	81	78			76
6	92	84	79	75		90	83	78	75		82	77	74			80	76	74			72
7	88	80	74	71		87	79	74	71		78	73	70			77	73	70			68
8	84	76	71	67		83	75	70	67		74	70	67			73	69	66			65
9	81	73	67	64		80	72	67	64		71	67	63			70	66	63			62
10	78	69	64	61		77	69	64	61		68	64	61			67	63	60			59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	81315
5°	76045
10°	62017
15°	45636
20°	31456
25°	23348
30°	17541
35°	10935
40°	5310
45°	1822
50°	230
55°	182
60°	110
65°	130
70°	160
75°	0
80°	0
85°	0



TEST NUMBER: P843871

CATALOG NUMBER: LD6C08DE010B2750 EU6C08B30 6LBNLI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.3	18.9
10°-20°	221.4	34.0
20°-30°	179.0	27.5
30°-40°	103.1	15.8
40°-50°	21.8	3.3
50°-60°	1.9	0.3
60°-70°	1.0	0.2
70°-80°	0.1	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°	523.6	80.4
0°-40°	626.8	96.2
0°-60°	650.4	99.8
0°-90°	651.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	651.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1483	
5°	1382	123
15°	804	221
25°	386	179
35°	163	103
45°	24	22
55°	2	2
65°	1	1
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P843871

CATALOG NUMBER: LD6C08DE010B2750 EU6C08B30 6LBNLI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1483.3
2.5°	1465.5
5°	1381.9
7.5°	1261.7
10°	1114.1
12.5°	962.9
15°	804.1
17.5°	651.0
20°	539.2
22.5°	453.7
25°	386.0
27.5°	328.8
30°	277.1
32.5°	219.9
35°	163.4
37.5°	113.7
40°	74.2
42.5°	45.1
45°	23.5
47.5°	9.4
50°	2.7
52.5°	2.7
55°	1.9
57.5°	1.9
60°	1.0
62.5°	1.0
65°	1.0
67.5°	1.0
70°	1.0
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)