

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: P843960

Luminaire Tested: **LD6C10DE010B2750 EU6C10B30 6LBWLI**

Issue Date: 2/17/2023

Test Information

Test Method: LM-79-08
Report Number: P843960
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205209)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C10DE010B2750 EU6C10B30 6LBWLI
Description:
Light Source: -
Ballast/Driver:

Summary

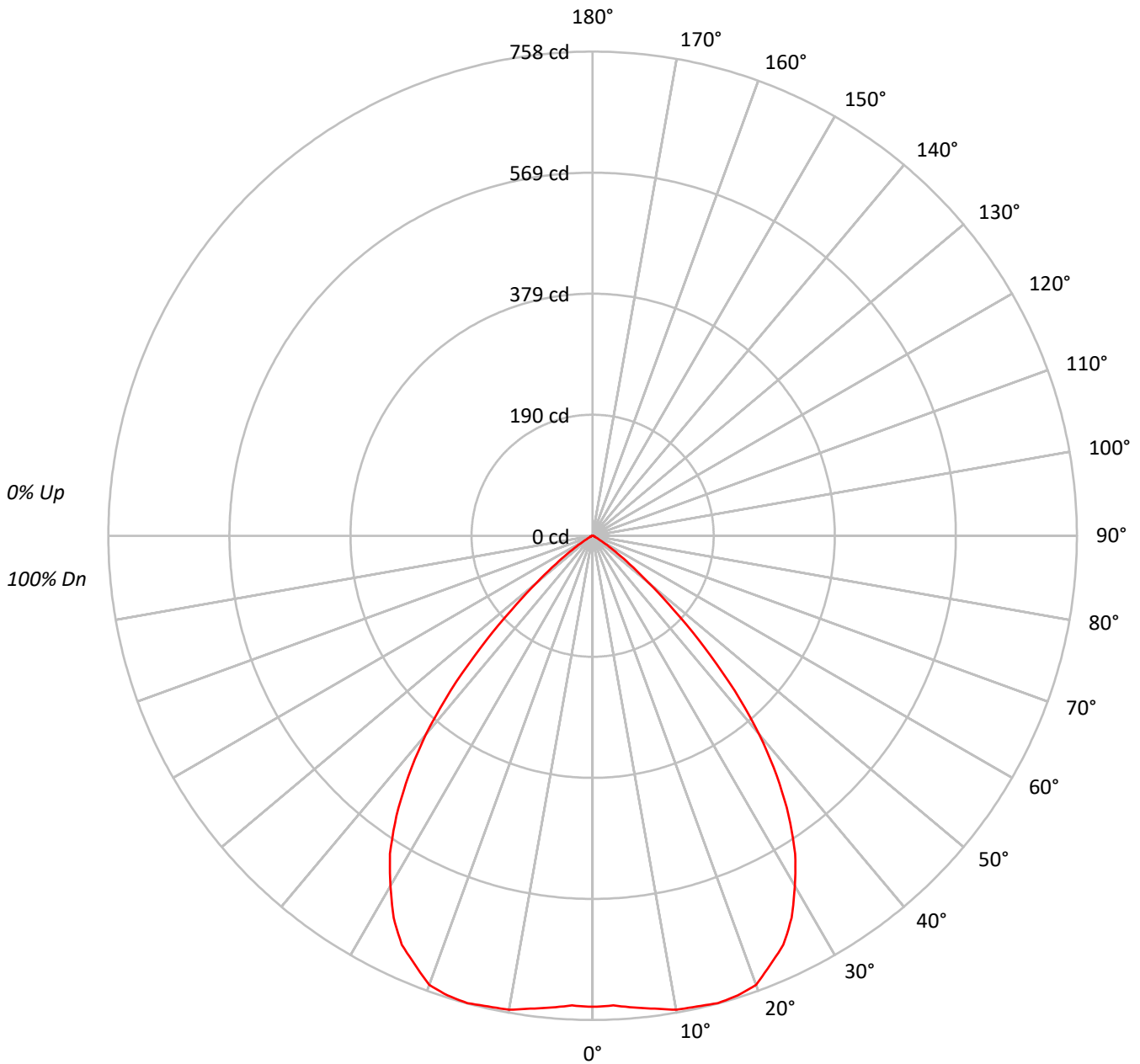
Lumens per Lamp: N/A
Luminaire Lumens: 1180.3 lumens
Efficiency: N/A
Efficacy: 88.7 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.18
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 13.3
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: P843960

CATALOG NUMBER: LD6C10DE010B2750 EU6C10B30 6LBWLI

Luminous Intensity Polar Plot





TEST NUMBER: P843960

CATALOG NUMBER: LD6C10DE010B2750 EU6C10B30 6LBWLI

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			100
1	113	110	107	104	110	107	105	103	103	101	99	100	98	97	96	95	94	92			92
2	106	101	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83			83
3	100	92	87	82	97	91	86	81	88	84	80	86	82	79	83	80	77	76			76
4	93	85	78	73	92	84	78	73	81	76	72	79	75	71	77	74	70	69			69
5	88	78	71	66	86	77	71	66	75	70	65	73	69	65	72	68	64	63			63
6	82	72	65	60	81	71	65	60	70	64	59	68	63	59	67	62	59	57			57
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52			52
8	73	62	55	50	71	61	55	50	60	54	50	59	54	50	58	53	49	48			48
9	69	57	51	46	67	57	50	46	56	50	46	55	50	46	54	49	46	44			44
10	65	54	47	43	64	53	47	42	52	46	42	51	46	42	51	46	42	41			41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	40424
5°	40799
10°	41939
15°	42991
20°	43643
25°	42740
30°	40069
35°	35824
40°	29019
45°	19196
50°	9705
55°	4091
60°	1327
65°	519
70°	417
75°	297
80°	0
85°	0



TEST NUMBER: P843960

CATALOG NUMBER: LD6C10DE010B2750 EU6C10B30 6LBWLI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.1	6.0
10°-20°	213.8	18.1
20°-30°	322.3	27.3
30°-40°	329.9	27.9
40°-50°	192.2	16.3
50°-60°	44.1	3.7
60°-70°	5.4	0.5
70°-80°	1.4	0.1
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°	607.2	51.4
0°-40°	937.1	79.4
0°-60°	1173.5	99.4
0°-90°	1180.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1180.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	737	
5°	741	71
15°	758	214
25°	707	322
35°	535	330
45°	248	192
55°	43	44
65°	4	5
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P843960

CATALOG NUMBER: LD6C10DE010B2750 EU6C10B30 6LBWLI

CANDELA DISTRIBUTION (FULL):

	0°
0°	737.4
2.5°	736.0
5°	741.4
7.5°	746.7
10°	753.4
12.5°	754.7
15°	757.5
17.5°	754.7
20°	748.1
22.5°	726.6
25°	706.6
27.5°	674.5
30°	633.0
32.5°	590.2
35°	535.3
37.5°	473.7
40°	405.5
42.5°	329.2
45°	247.6
47.5°	172.6
50°	113.8
52.5°	72.2
55°	42.8
57.5°	22.7
60°	12.1
62.5°	6.7
65°	4.0
67.5°	4.0
70°	2.6
72.5°	1.4
75°	1.4
77.5°	1.4
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)