

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: P843959

Luminaire Tested: **LD6C10DE010B2750 EU6C10B30 6LBWH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P843959
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P202739)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C10DE010B2750 EU6C10B30 6LBWH
Description:
Light Source: -
Ballast/Driver:

Summary

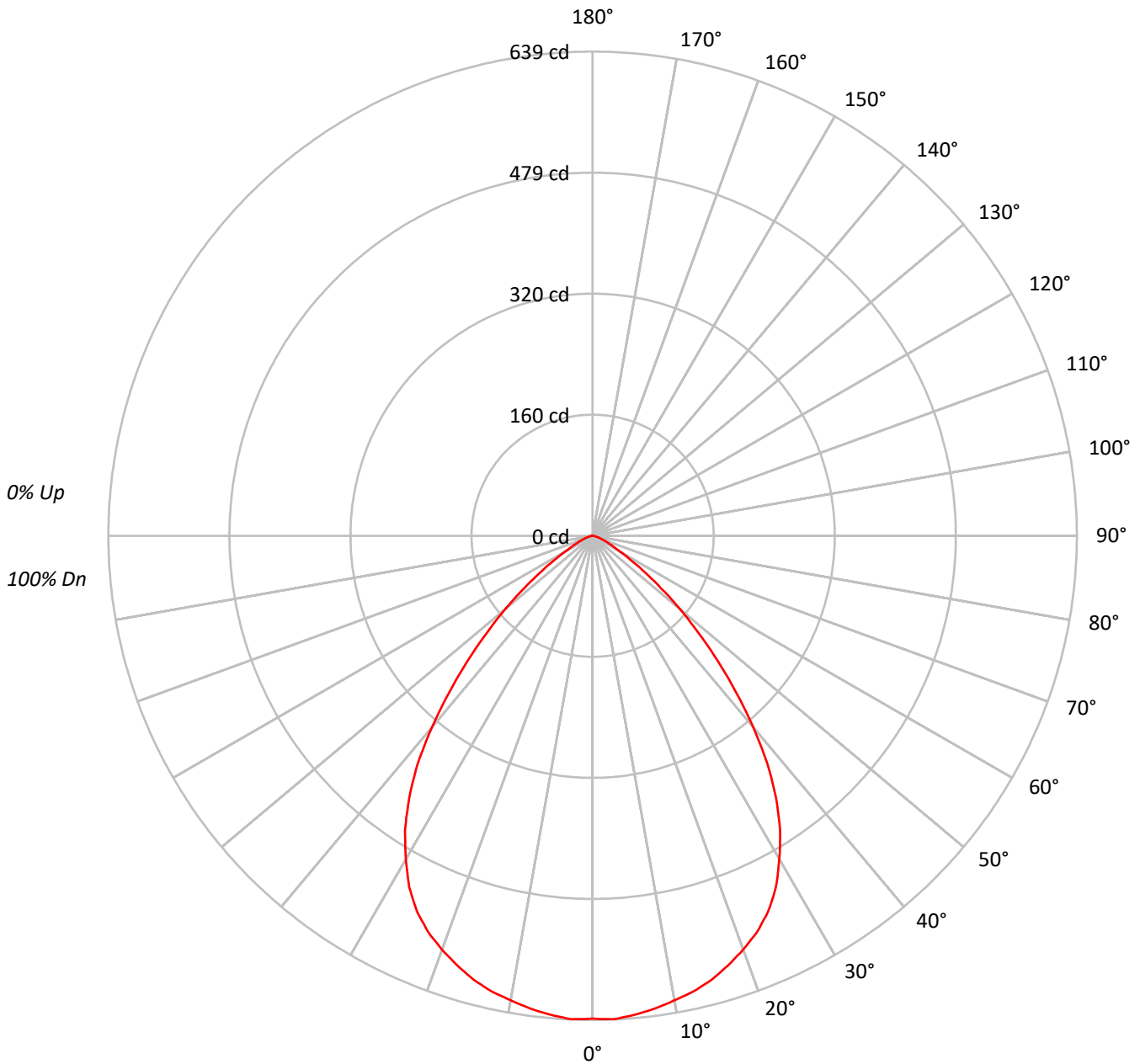
Lumens per Lamp: N/A
Luminaire Lumens: 1033.4 lumens
Efficiency: N/A
Efficacy: 77.7 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.16 / 1.16
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot





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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	112	109	106	103	110	107	104	101	103	100	98	99	97	95	95	94	93	91			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			
3	98	90	84	79	96	89	83	78	86	81	77	83	79	76	81	78	75	73			
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65			
5	86	75	68	63	84	74	68	63	72	66	62	71	65	61	69	64	61	59			
6	80	69	62	57	78	68	61	56	67	61	56	65	60	56	64	59	55	53			
7	75	64	56	51	73	63	56	51	62	55	51	60	55	51	59	54	50	49			
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	47	43	53	47	43	52	47	42	51	46	42	41			
10	62	51	44	40	61	50	44	39	50	43	39	49	43	39	48	43	39	38			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	34937
5°	34927
10°	34658
15°	34427
20°	33900
25°	33123
30°	31195
35°	28228
40°	23566
45°	18064
50°	12793
55°	8067
60°	4550
65°	2945
70°	1939
75°	1419
80°	821
85°	881



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.2	5.8
10°-20°	170.8	16.5
20°-30°	250.4	24.2
30°-40°	260.7	25.2
40°-50°	180.3	17.5
50°-60°	78.5	7.6
60°-70°	24.1	2.3
70°-80°	7.2	0.7
80°-90°	1.1	0.1
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°	481.4	46.6
0°-40°	742.1	71.8
0°-60°	1001.0	96.9
0°-90°	1033.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1033.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	637	
5°	635	60
15°	607	171
25°	548	250
35°	422	261
45°	233	180
55°	84	79
65°	23	24
75°	7	7
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	637.3
2.5°	638.7
5°	634.7
7.5°	629.3
10°	622.6
12.5°	615.9
15°	606.6
17.5°	594.5
20°	581.1
22.5°	566.4
25°	547.6
27.5°	523.5
30°	492.8
32.5°	460.6
35°	421.8
37.5°	379.0
40°	329.3
42.5°	279.8
45°	233.0
47.5°	188.8
50°	150.0
52.5°	113.8
55°	84.4
57.5°	60.3
60°	41.5
62.5°	30.8
65°	22.7
67.5°	17.5
70°	12.1
72.5°	9.4
75°	6.7
77.5°	4.0
80°	2.6
82.5°	1.4
85°	1.4
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)