

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: P843976

Luminaire Tested: **LD6C10DE010B2750 EU6C10B35 6LBWH**

Issue Date: 2/17/2023

Test Information

Test Method: LM-79-08
Report Number: P843976
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 EU6C10B35 6LBWH
Description:
Light Source: -
Ballast/Driver:

Summary

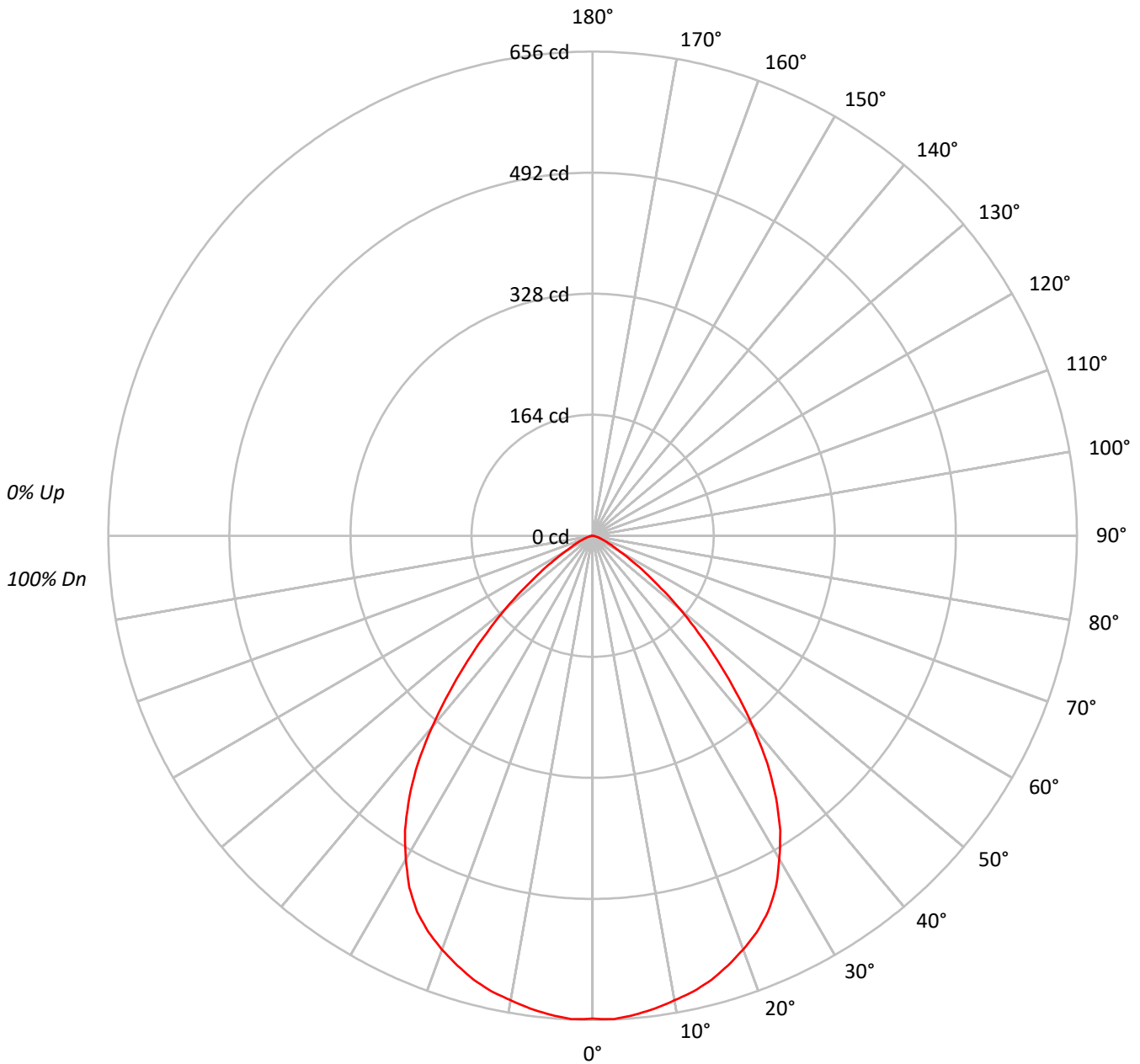
Lumens per Lamp: N/A
Luminaire Lumens: 1060.8 lumens
Efficiency: N/A
Efficacy: 79.8 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.16 / 1.16
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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			100
1	112	109	106	103	110	107	104	101	103	100	98	99	97	95	95	94	93	91			91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			81
3	98	90	84	79	96	89	83	78	86	81	77	83	79	76	81	78	75	73			73
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65			65
5	86	75	68	63	84	74	68	63	72	66	62	71	65	61	69	64	61	59			59
6	80	69	62	57	78	68	61	56	67	61	56	65	60	56	64	59	55	53			53
7	75	64	56	51	73	63	56	51	62	55	51	60	55	51	59	54	50	49			49
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			44
9	66	55	48	43	65	54	47	43	53	47	43	52	47	42	51	46	42	41			41
10	62	51	44	40	61	50	44	39	50	43	39	49	43	39	48	43	39	38			38

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	35869
5°	35852
10°	35576
15°	35341
20°	34799
25°	34006
30°	32024
35°	28978
40°	24195
45°	18537
50°	13134
55°	8277
60°	4671
65°	3035
70°	1988
75°	1461
80°	852
85°	881



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.8	5.8
10°-20°	175.3	16.5
20°-30°	257.1	24.2
30°-40°	267.6	25.2
40°-50°	185.1	17.5
50°-60°	80.6	7.6
60°-70°	24.7	2.3
70°-80°	7.4	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°	494.2	46.6
0°-40°	761.8	71.8
0°-60°	1027.6	96.9
0°-90°	1060.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1060.8	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	654	
5°	652	62
15°	623	175
25°	562	257
35°	433	268
45°	239	185
55°	87	81
65°	23	25
75°	7	7
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	654.3
2.5°	655.6
5°	651.5
7.5°	646.1
10°	639.1
12.5°	632.3
15°	622.7
17.5°	610.3
20°	596.5
22.5°	581.4
25°	562.2
27.5°	537.5
30°	505.9
32.5°	472.9
35°	433.0
37.5°	389.0
40°	338.1
42.5°	287.3
45°	239.1
47.5°	193.8
50°	154.0
52.5°	116.9
55°	86.6
57.5°	61.9
60°	42.6
62.5°	31.6
65°	23.4
67.5°	17.9
70°	12.4
72.5°	9.6
75°	6.9
77.5°	4.1
80°	2.7
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)