

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: P843874

Luminaire Tested: **LD6C08DE010B2750 EU6C08B30 6LBWH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P843874
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: LD6C08DE010B2750 EU6C08B30 6LBWH
Description:
Light Source: -
Ballast/Driver:

Summary

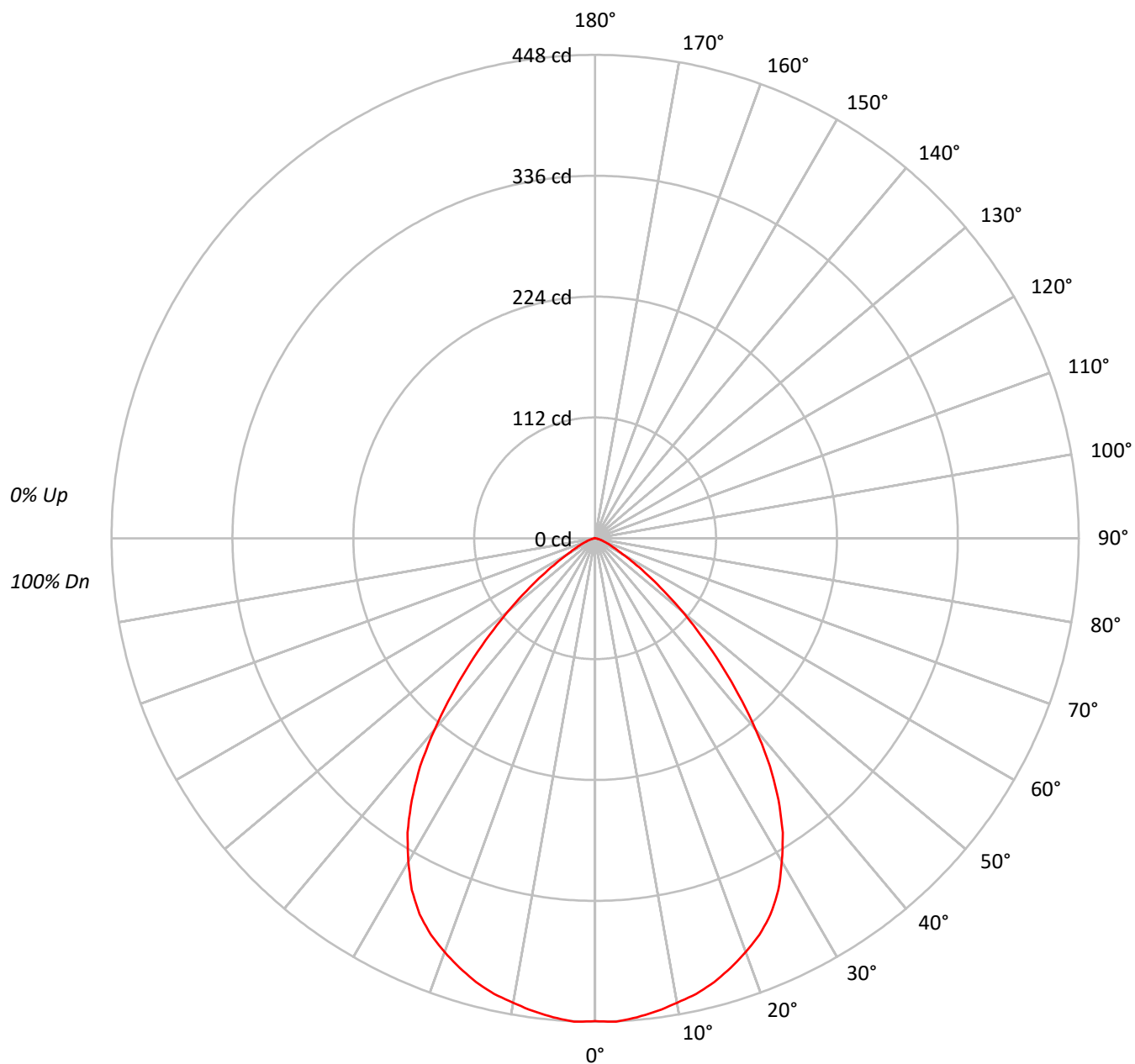
Lumens per Lamp: N/A
Luminaire Lumens: 725.7 lumens
Efficiency: N/A
Efficacy: 75.6 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.16 / 1.16
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	103	110	107	104	101	103	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	98	90	84	79	96	89	83	78	86	81	77		83	79	76		81
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	75	68	63	84	74	68	63	72	66	62		71	65	61		69
6	80	69	62	57	78	68	61	56	67	61	56		65	60	56		64
7	75	64	56	51	73	63	56	51	62	55	51		60	55	51		59
8	70	59	52	47	69	58	51	47	57	51	46		56	50	46		55
9	66	55	48	43	65	54	47	43	53	47	43		52	47	42		51
10	62	51	44	40	61	50	44	39	50	43	39		49	43	39		48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	24532
5°	24521
10°	24332
15°	24172
20°	23802
25°	23263
30°	21902
35°	19816
40°	16552
45°	12683
50°	8981
55°	5658
60°	3191
65°	2075
70°	1362
75°	996
80°	600
85°	629



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.3	5.8
10°-20°	119.9	16.5
20°-30°	175.9	24.2
30°-40°	183.0	25.2
40°-50°	126.6	17.4
50°-60°	55.1	7.6
60°-70°	16.9	2.3
70°-80°	5.1	0.7
80°-90°	0.8	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°	338.1	46.6
0°-40°	521.1	71.8
0°-60°	702.8	96.9
0°-90°	725.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	725.7	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	448	
5°	446	42
15°	426	120
25°	385	176
35°	296	183
45°	164	127
55°	59	55
65°	16	17
75°	5	5
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	447.5
2.5°	448.4
5°	445.6
7.5°	441.9
10°	437.1
12.5°	432.5
15°	425.9
17.5°	417.4
20°	408.0
22.5°	397.7
25°	384.6
27.5°	367.6
30°	346.0
32.5°	323.4
35°	296.1
37.5°	266.1
40°	231.3
42.5°	196.5
45°	163.6
47.5°	132.5
50°	105.3
52.5°	80.0
55°	59.2
57.5°	42.3
60°	29.1
62.5°	21.7
65°	16.0
67.5°	12.3
70°	8.5
72.5°	6.6
75°	4.7
77.5°	2.9
80°	1.9
82.5°	1.0
85°	1.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)