

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: P843866

Luminaire Tested: **LD6C08DE010B2750 EU6C08B30 6LBMGPH**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843866
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203577)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C08DE010B2750 EU6C08B30 6LBMGPH
Description:
Light Source: -
Ballast/Driver:

Summary

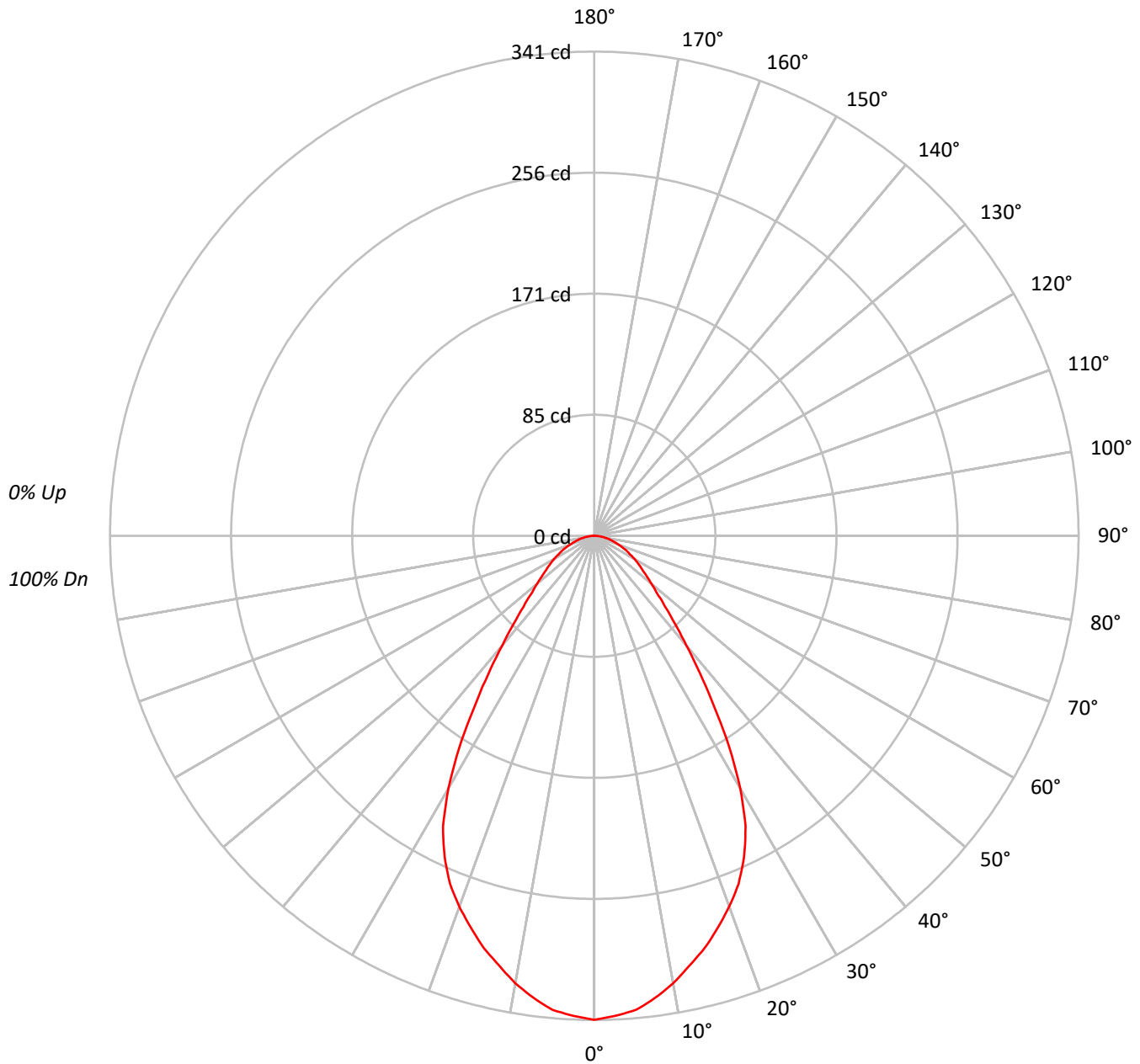
Lumens per Lamp: N/A
Luminaire Lumens: 456.9 lumens
Efficiency: N/A
Efficacy: 47.6 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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				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	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89						
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79						
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71						
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64						
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58						
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53						
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48						
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	48	43	53	47	43	52	47	43	51	46	43	41						
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38						

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	18688
5°	18451
10°	17819
15°	17060
20°	16212
25°	15092
30°	13002
35°	9864
40°	7214
45°	5466
50°	4469
55°	3909
60°	3596
65°	3269
70°	2933
75°	2669
80°	2399
85°	2013



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.5	6.9
10°-20°	84.4	18.5
20°-30°	113.3	24.8
30°-40°	92.9	20.3
40°-50°	55.8	12.2
50°-60°	37.1	8.1
60°-70°	24.9	5.4
70°-80°	13.4	2.9
80°-90°	3.8	0.8
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°	229.1	50.1
0°-40°	322.0	70.5
0°-60°	414.9	90.8
0°-90°	456.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	456.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	341	
5°	335	31
15°	301	84
25°	250	113
35°	147	93
45°	70	56
55°	41	37
65°	25	25
75°	13	13
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	340.9
2.5°	338.4
5°	335.3
7.5°	328.3
10°	320.1
12.5°	310.0
15°	300.6
17.5°	289.3
20°	277.9
22.5°	265.4
25°	249.5
27.5°	230.7
30°	205.4
32.5°	177.0
35°	147.4
37.5°	122.3
40°	100.8
42.5°	83.8
45°	70.5
47.5°	59.9
50°	52.4
52.5°	46.0
55°	40.9
57.5°	36.6
60°	32.8
62.5°	28.3
65°	25.2
67.5°	21.5
70°	18.3
72.5°	15.1
75°	12.6
77.5°	10.0
80°	7.6
82.5°	5.7
85°	3.2
87.5°	1.3
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)