

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: P844261

Luminaire Tested: **LD6C25DE010B50 EU6C25B50 6LBNH**

Issue Date: 2/17/2023

Test Information

Test Method: LM-79-08
Report Number: P844261
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203666)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C25DE010B50 EU6C25B50 6LBNH
Description:
Light Source: -
Ballast/Driver:

Summary

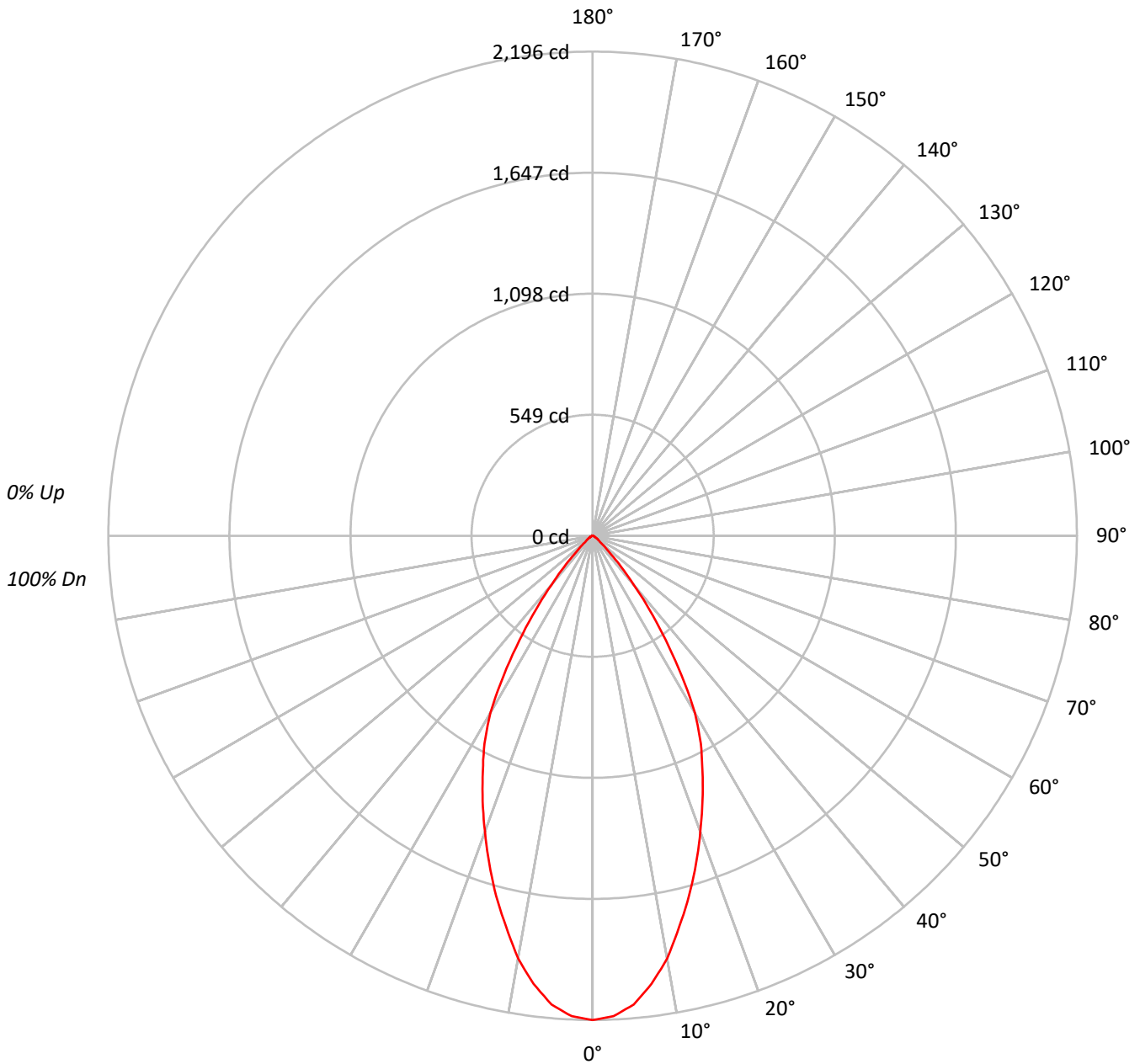
Lumens per Lamp: N/A
Luminaire Lumens: 1713.4 lumens
Efficiency: N/A
Efficacy: 57.5 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.84
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 29.8
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	113	111	108	106	111	109	106	104	104	103	101	101	99	98	97	96	95	93			
2	108	103	99	96	106	101	98	94	98	95	92	95	93	90	92	90	89	87			
3	102	96	91	87	100	95	90	86	92	88	85	90	86	84	87	85	82	81			
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	83	79	77	75			
5	92	84	78	74	91	83	78	73	81	76	73	80	75	72	78	74	72	70			
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	65			
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	63	61			
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	58			
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	55	54			
10	72	62	57	53	71	62	57	53	61	56	53	60	56	52	60	55	52	51			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	120407
5°	117428
10°	108354
15°	95926
20°	83290
25°	71242
30°	58737
35°	38682
40°	20789
45°	9210
50°	3735
55°	2686
60°	1699
65°	1219
70°	994
75°	678
80°	1010
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.5	11.5
10°-20°	471.0	27.5
20°-30°	539.6	31.5
30°-40°	362.6	21.2
40°-50°	103.6	6.0
50°-60°	25.3	1.5
60°-70°	9.6	0.6
70°-80°	3.8	0.2
80°-90°	0.4	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°	1208.1	70.5
0°-40°	1570.7	91.7
0°-60°	1699.6	99.2
0°-90°	1713.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1713.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2196	
5°	2134	198
15°	1690	471
25°	1178	540
35°	578	363
45°	119	104
55°	28	25
65°	9	10
75°	3	4
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2196.4
2.5°	2180.7
5°	2133.9
7.5°	2049.5
10°	1946.5
12.5°	1815.1
15°	1690.2
17.5°	1559.1
20°	1427.7
22.5°	1302.8
25°	1177.8
27.5°	1062.2
30°	927.9
32.5°	749.8
35°	578.0
37.5°	421.8
40°	290.5
42.5°	190.6
45°	118.8
47.5°	71.8
50°	43.8
52.5°	34.4
55°	28.1
57.5°	21.9
60°	15.5
62.5°	12.5
65°	9.4
67.5°	6.2
70°	6.2
72.5°	3.2
75°	3.2
77.5°	3.2
80°	3.2
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)