

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: P844241

Luminaire Tested: **LD6C25DE010B40 EU6C25B40 6LBMH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844241
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203254)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C25DE010B40 EU6C25B40 6LBMH
Description:
Light Source: -
Ballast/Driver:

Summary

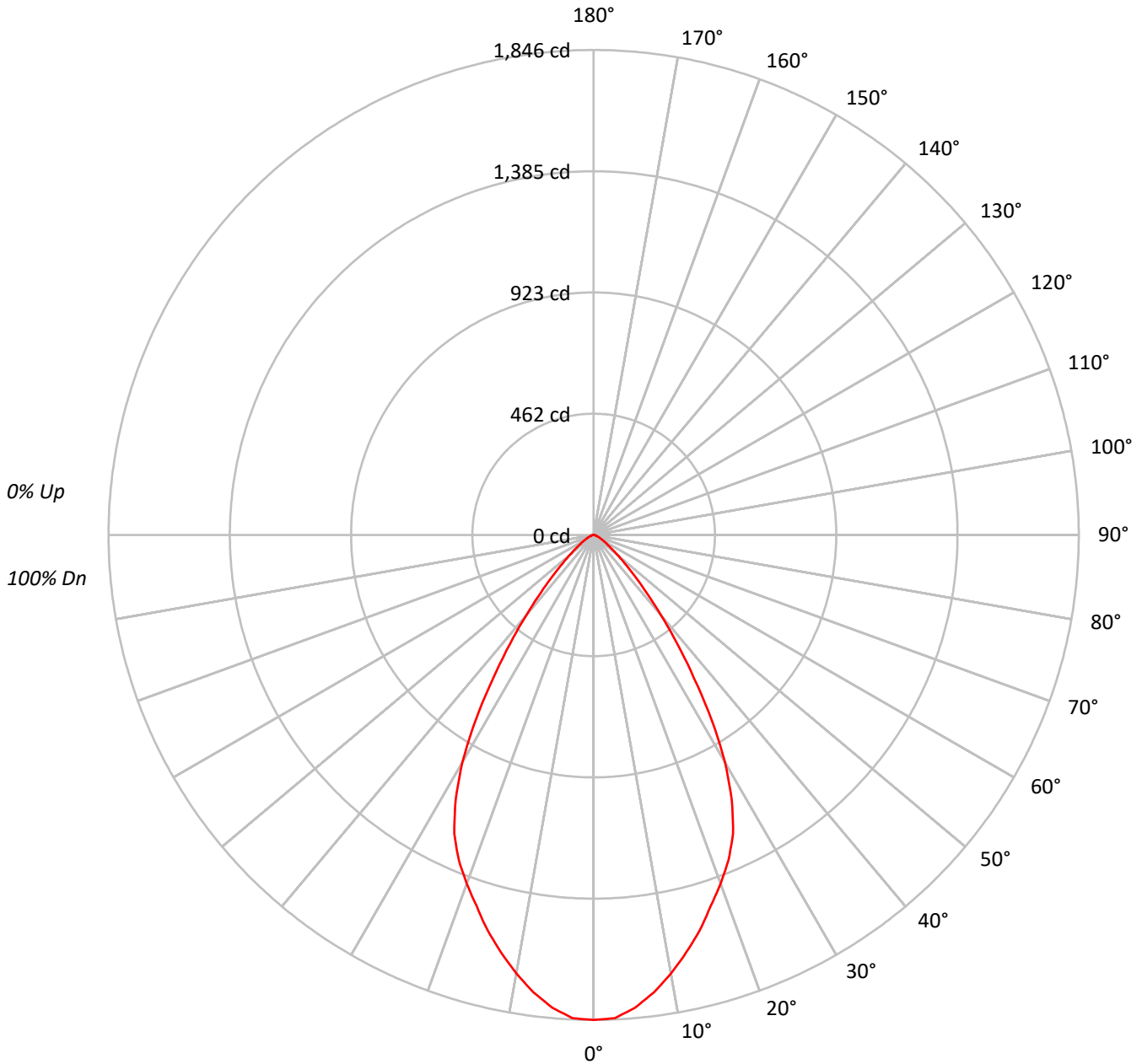
Lumens per Lamp: N/A
Luminaire Lumens: 1865.6 lumens
Efficiency: N/A
Efficacy: 62.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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	100	100	100
1	113	110	107	105	111	108	105	103	104	102	100	100	99	97	97	95	94	92	92	92	92
2	107	102	97	93	105	100	96	92	97	93	90	94	91	88	91	89	87	85	85	85	85
3	101	94	88	84	99	92	88	84	90	86	82	87	84	81	85	82	80	78	78	78	78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72	72	72	72
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66	66	66	66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61	61	61	61
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57	57	57	57
8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53	53	53	53
9	72	62	56	51	71	61	55	51	60	55	51	60	55	51	59	54	51	49	49	49	49
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	101220
5°	99405
10°	94326
15°	88451
20°	82374
25°	75906
30°	63244
35°	44577
40°	28403
45°	16940
50°	10004
55°	6356
60°	4386
65°	3113
70°	2132
75°	1694
80°	821
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	168.8	9.0
10°-20°	436.7	23.4
20°-30°	565.9	30.3
30°-40°	420.1	22.5
40°-50°	177.3	9.5
50°-60°	63.0	3.4
60°-70°	24.3	1.3
70°-80°	8.4	0.5
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°	1171.4	62.8
0°-40°	1591.5	85.3
0°-60°	1831.8	98.2
0°-90°	1865.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1865.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1846	
5°	1806	169
15°	1558	437
25°	1255	566
35°	666	420
45°	218	177
55°	66	63
65°	24	24
75°	8	8
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1846.4
2.5°	1841.0
5°	1806.4
7.5°	1755.7
10°	1694.5
12.5°	1627.8
15°	1558.5
17.5°	1481.3
20°	1412.0
22.5°	1340.1
25°	1254.9
27.5°	1137.6
30°	999.1
32.5°	836.5
35°	666.1
37.5°	522.3
40°	396.9
42.5°	295.7
45°	218.5
47.5°	159.8
50°	117.3
52.5°	87.9
55°	66.5
57.5°	50.6
60°	40.0
62.5°	29.3
65°	24.0
67.5°	18.6
70°	13.3
72.5°	10.6
75°	8.0
77.5°	5.4
80°	2.6
82.5°	2.6
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)