

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: P844360

Luminaire Tested: **LD6C35DE010B2750 EU6C35B27 6LBMH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844360
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: LD6C35DE010B2750 EU6C35B27 6LBMH
Description:
Light Source: -
Ballast/Driver:

Summary

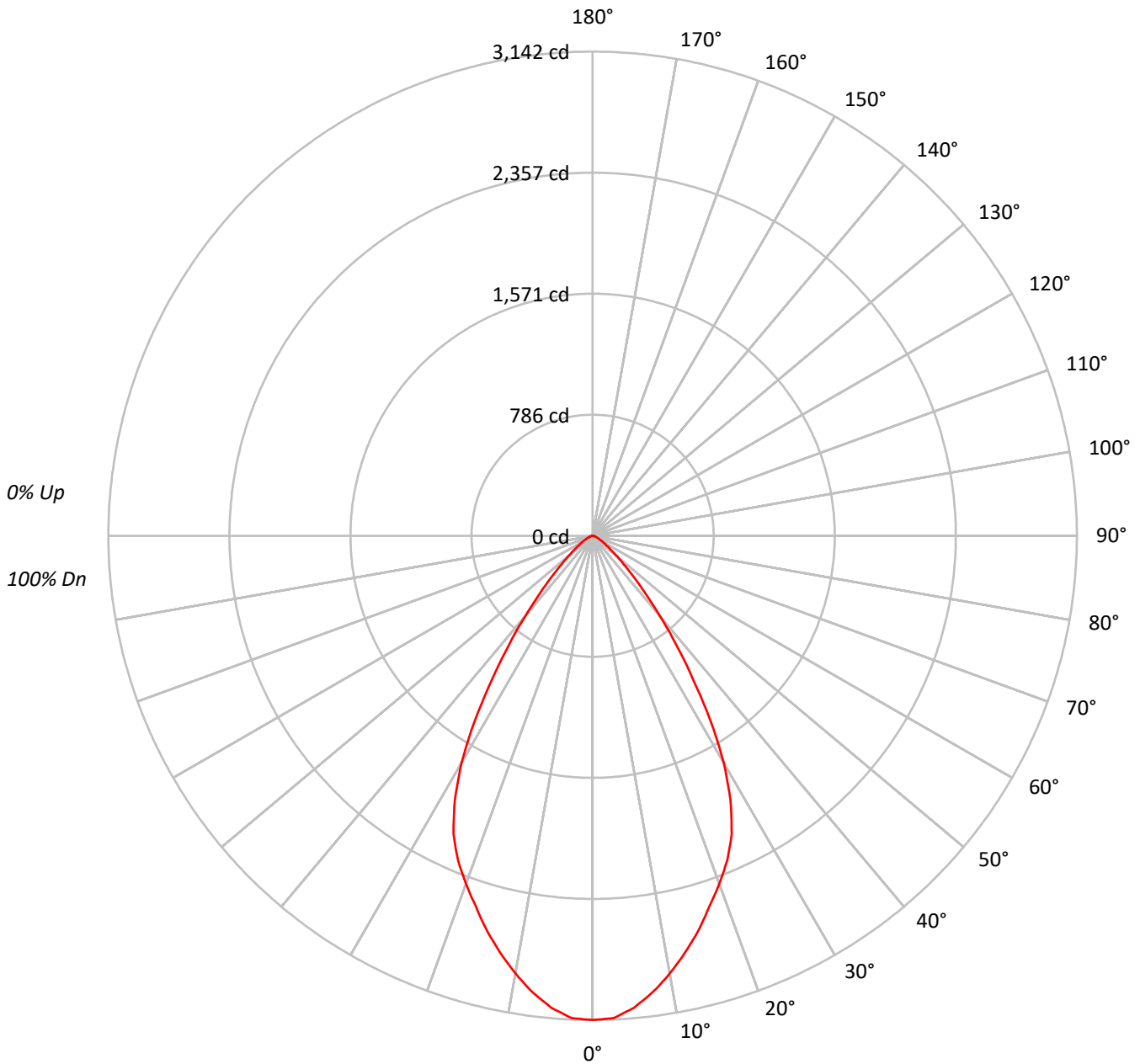
Lumens per Lamp: N/A
Luminaire Lumens: 3175.0 lumens
Efficiency: N/A
Efficacy: 76.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 41.7
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				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	113	110	107	105	111	108	105	103	104	102	100	100	99	97	97	95	94	92				92
2	107	102	97	93	105	100	96	92	97	93	90	94	91	88	91	89	87	85				85
3	101	94	88	84	99	92	88	84	90	86	82	87	84	81	85	82	80	78				78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66				66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61				61
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57				57
8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53				53
9	72	62	56	51	71	61	55	51	60	55	51	60	55	51	59	54	51	49				49
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	172250
5°	169166
10°	160524
15°	150529
20°	140187
25°	129177
30°	107630
35°	75864
40°	48348
45°	28832
50°	17023
55°	10829
60°	7456
65°	5292
70°	3638
75°	2881
80°	1389
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	287.3	9.0
10°-20°	743.2	23.4
20°-30°	963.0	30.3
30°-40°	715.0	22.5
40°-50°	301.8	9.5
50°-60°	107.2	3.4
60°-70°	41.3	1.3
70°-80°	14.3	0.5
80°-90°	1.8	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°	1993.6	62.8
0°-40°	2708.5	85.3
0°-60°	3117.6	98.2
0°-90°	3175.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3175.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3142	
5°	3074	287
15°	2652	743
25°	2136	963
35°	1134	715
45°	372	302
55°	113	107
65°	41	41
75°	14	14
85°	0	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	3142.1
2.5°	3133.0
5°	3074.1
7.5°	2987.9
10°	2883.7
12.5°	2770.3
15°	2652.3
17.5°	2521.0
20°	2403.0
22.5°	2280.7
25°	2135.6
27.5°	1936.0
30°	1700.3
32.5°	1423.6
35°	1133.6
37.5°	888.7
40°	675.6
42.5°	503.2
45°	371.9
47.5°	272.0
50°	199.6
52.5°	149.7
55°	113.3
57.5°	86.1
60°	68.0
62.5°	49.9
65°	40.8
67.5°	31.6
70°	22.7
72.5°	18.1
75°	13.6
77.5°	9.1
80°	4.4
82.5°	4.4
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)