

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: P844384

Luminaire Tested: **LD6C35DE010B2750 EU6C35B30 6LBWH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844384
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: LD6C35DE010B2750 EU6C35B30 6LBWH
Description:
Light Source: -
Ballast/Driver:

Summary

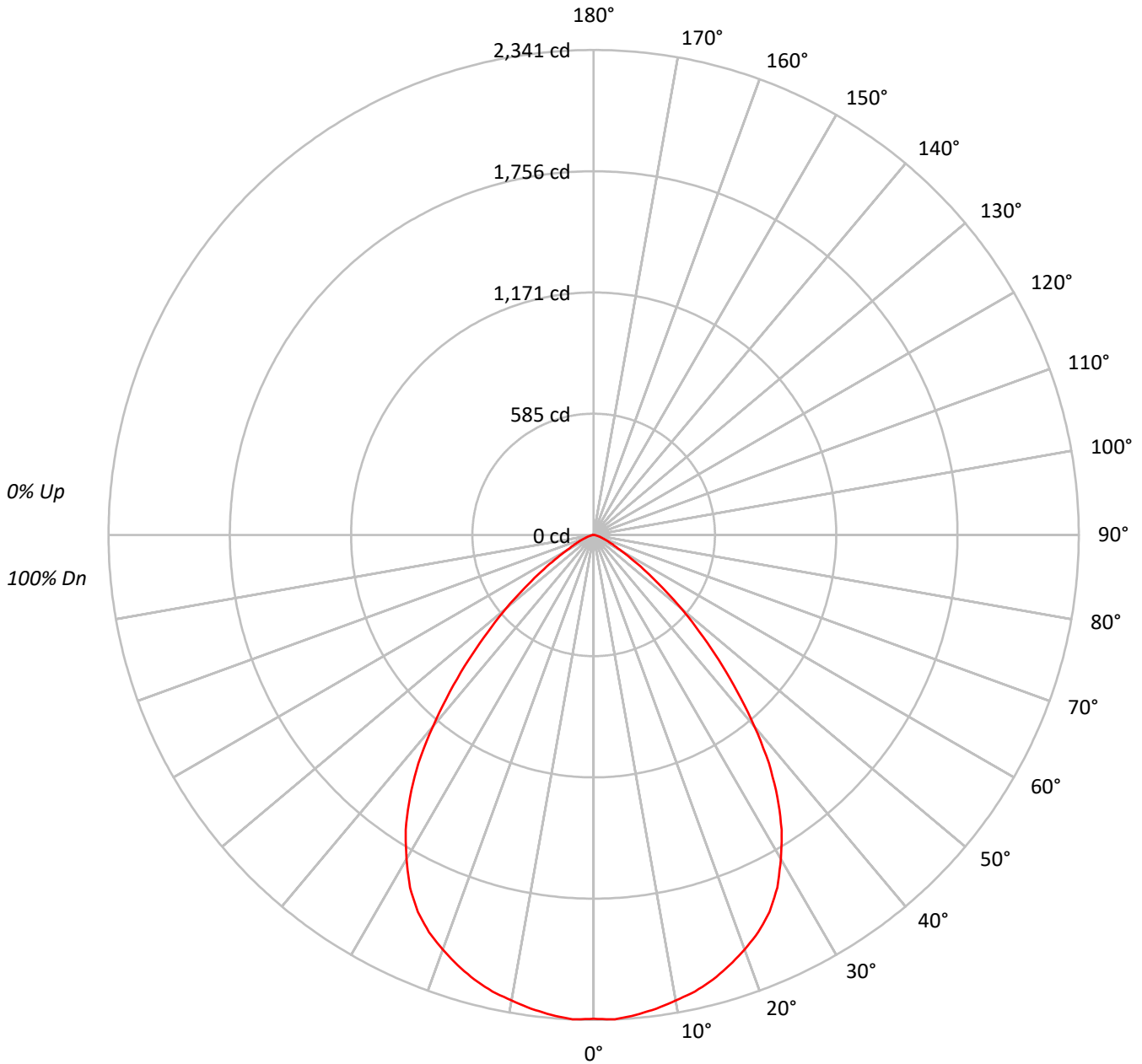
Lumens per Lamp: N/A
Luminaire Lumens: 3787.4 lumens
Efficiency: N/A
Efficacy: 90.8 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.16 / 1.16
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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				
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	112	109	106	103	110	107	104	101	103	100	98	99	97	95	95	94	93	91			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			
3	98	90	84	79	96	89	83	78	86	81	77	83	79	76	81	78	75	73			
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65			
5	86	75	68	63	84	74	68	63	72	66	62	71	65	61	69	64	61	59			
6	80	69	62	57	78	68	61	56	67	61	56	65	60	56	64	59	55	53			
7	75	64	56	51	73	63	56	51	62	55	51	60	55	51	59	54	50	49			
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	47	43	53	47	43	52	47	42	51	46	42	41			
10	62	51	44	40	61	50	44	39	50	43	39	49	43	39	48	43	39	38			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	128054
5°	128015
10°	127029
15°	126170
20°	124255
25°	121416
30°	114321
35°	103456
40°	86390
45°	66193
50°	46890
55°	29562
60°	16676
65°	10818
70°	7069
75°	5189
80°	3094
85°	3145



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	220.6	5.8
10°-20°	626.0	16.5
20°-30°	917.9	24.2
30°-40°	955.3	25.2
40°-50°	660.9	17.5
50°-60°	287.8	7.6
60°-70°	88.3	2.3
70°-80°	26.4	0.7
80°-90°	4.1	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°	1764.6	46.6
0°-40°	2719.9	71.8
0°-60°	3668.7	96.9
0°-90°	3787.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3787.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2336	
5°	2326	221
15°	2223	626
25°	2007	918
35°	1546	955
45°	854	661
55°	309	288
65°	83	88
75°	24	26
85°	5	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2335.9
2.5°	2340.9
5°	2326.3
7.5°	2306.6
10°	2282.0
12.5°	2257.4
15°	2223.1
17.5°	2178.9
20°	2129.9
22.5°	2075.9
25°	2007.3
27.5°	1918.9
30°	1806.0
32.5°	1688.1
35°	1545.9
37.5°	1388.9
40°	1207.2
42.5°	1025.7
45°	853.8
47.5°	691.9
50°	549.8
52.5°	417.2
55°	309.3
57.5°	220.8
60°	152.1
62.5°	113.0
65°	83.4
67.5°	63.9
70°	44.1
72.5°	34.4
75°	24.5
77.5°	14.6
80°	9.8
82.5°	5.0
85°	5.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)