

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: P844385

Luminaire Tested: **LD6C35DE010B2750 EU6C35B30 6LBWLI**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844385
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205209)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C35DE010B2750 EU6C35B30 6LBWLI
Description:
Light Source: -
Ballast/Driver:

Summary

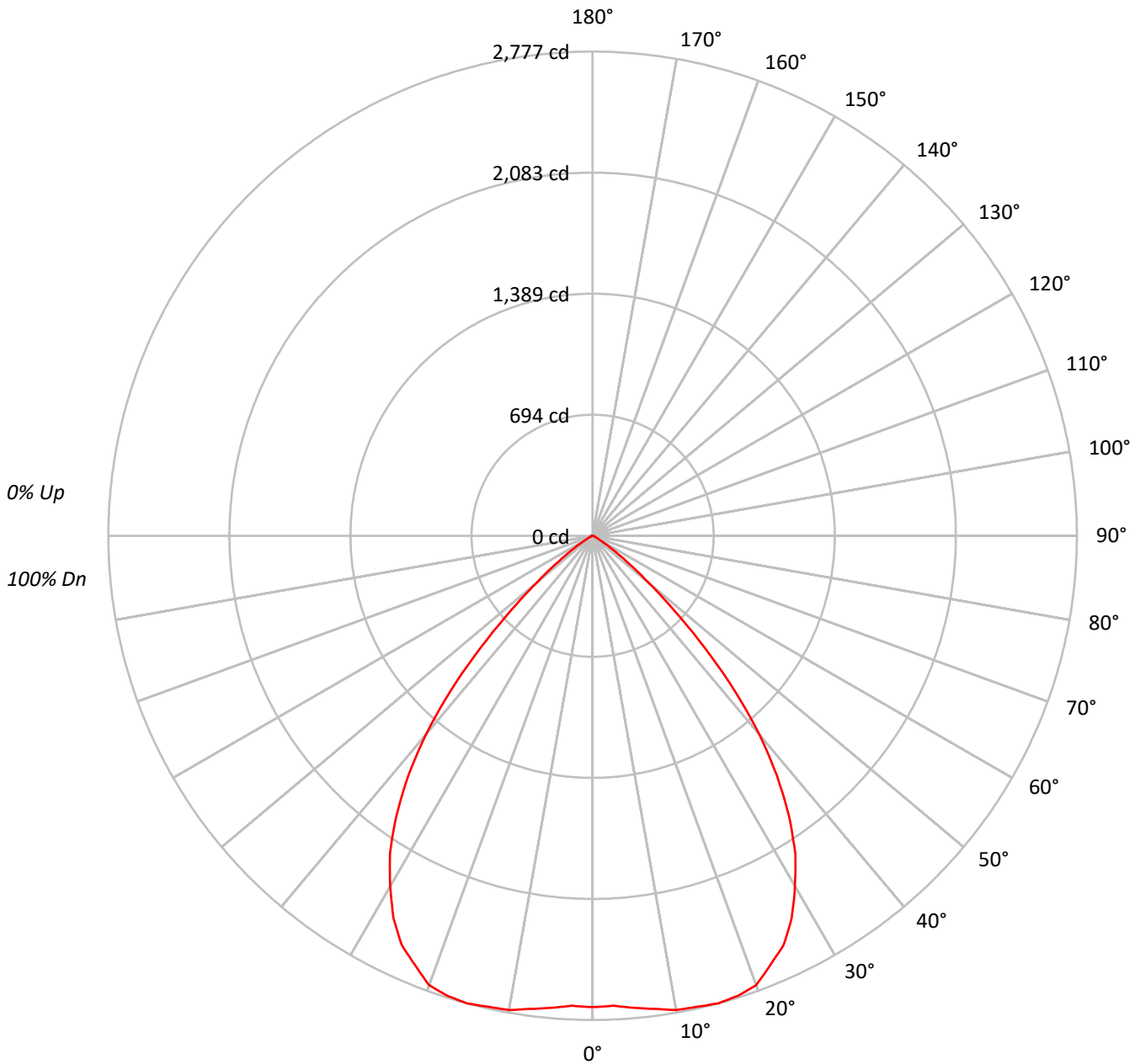
Lumens per Lamp: N/A
Luminaire Lumens: 4326.8 lumens
Efficiency: N/A
Efficacy: 103.8 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.18
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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									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	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	110	107	104	110	107	105	103	103	101	99	100	98	97	96	95	94	92																											
2	106	101	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83																											
3	100	92	87	82	97	91	86	81	88	84	80	86	82	79	83	80	77	76																											
4	93	85	78	73	92	84	78	73	81	76	72	79	75	71	77	74	70	69																											
5	88	78	71	66	86	77	71	66	75	70	65	73	69	65	72	68	64	63																											
6	82	72	65	60	81	71	65	60	70	64	59	68	63	59	67	62	59	57																											
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52																											
8	73	62	55	50	71	61	55	50	60	54	50	59	54	50	58	53	49	48																											
9	69	57	51	46	67	57	50	46	56	50	46	55	50	46	54	49	46	44																											
10	65	54	47	43	64	53	47	42	52	46	42	51	46	42	51	46	42	41																											

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	148184
5°	149554
10°	153738
15°	157583
20°	159976
25°	156668
30°	146883
35°	131323
40°	106371
45°	70364
50°	35564
55°	15005
60°	4835
65°	1894
70°	1571
75°	1059
80°	0
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	260.8	6.0
10°-20°	783.8	18.1
20°-30°	1181.5	27.3
30°-40°	1209.3	27.9
40°-50°	704.5	16.3
50°-60°	161.9	3.7
60°-70°	19.8	0.5
70°-80°	5.2	0.1
80°-90°	0.0	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°	2226.0	51.4
0°-40°	3435.3	79.4
0°-60°	4301.7	99.4
0°-90°	4326.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4326.8	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2703	
5°	2718	261
15°	2777	784
25°	2590	1181
35°	1962	1209
45°	908	705
55°	157	162
65°	15	20
75°	5	5
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2703.1
2.5°	2698.1
5°	2717.7
7.5°	2737.3
10°	2761.8
12.5°	2766.8
15°	2776.6
17.5°	2766.8
20°	2742.2
22.5°	2663.8
25°	2590.1
27.5°	2472.5
30°	2320.4
32.5°	2163.4
35°	1962.3
37.5°	1736.5
40°	1486.4
42.5°	1206.8
45°	907.6
47.5°	632.8
50°	417.0
52.5°	264.9
55°	157.0
57.5°	83.4
60°	44.1
62.5°	24.5
65°	14.6
67.5°	14.6
70°	9.8
72.5°	5.0
75°	5.0
77.5°	5.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)