

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: P844411

Luminaire Tested: **LD6C35DE010B2750 EU6C35B40 6LBMH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844411
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 EU6C35B40 6LBMH
Description:
Light Source: -
Ballast/Driver:

Summary

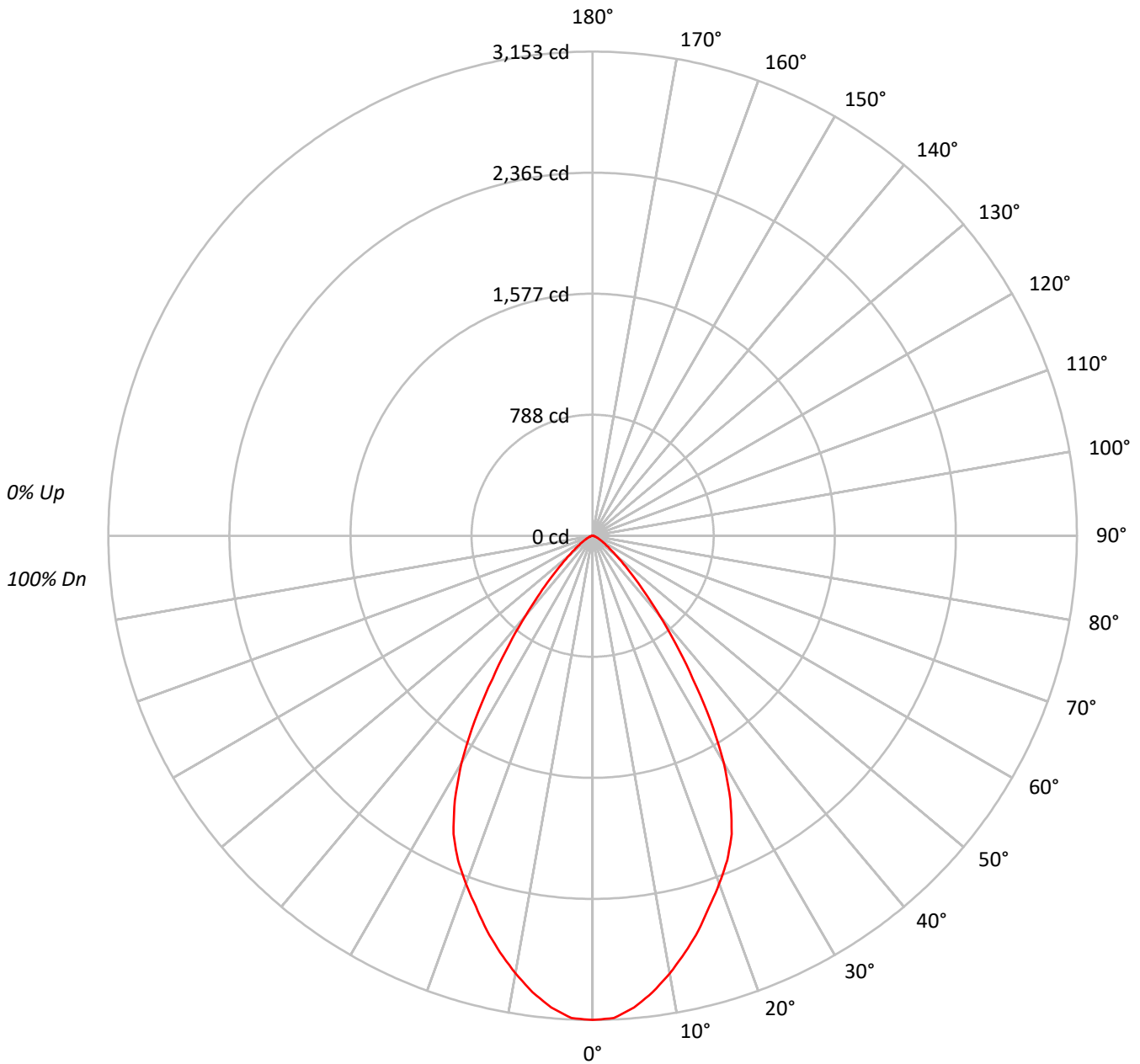
Lumens per Lamp: N/A
Luminaire Lumens: 3185.5 lumens
Efficiency: N/A
Efficacy: 76.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P844411

CATALOG NUMBER: LD6C35DE010B2750 EU6C35B40 6LBMH

Luminous Intensity Polar Plot





TEST NUMBER: P844411

CATALOG NUMBER: LD6C35DE010B2750 EU6C35B40 6LBMH

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	172826
5°	169733
10°	161064
15°	151034
20°	140660
25°	129606
30°	107991
35°	76112
40°	48505
45°	28925
50°	17074
55°	10867
60°	7477
65°	5305
70°	3654
75°	2881
80°	1389
85°	0



TEST NUMBER: P844411

CATALOG NUMBER: LD6C35DE010B2750 EU6C35B40 6LBMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	288.3	9.0
10°-20°	745.7	23.4
20°-30°	966.3	30.3
30°-40°	717.3	22.5
40°-50°	302.8	9.5
50°-60°	107.5	3.4
60°-70°	41.5	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°	2000.2	62.8
0°-40°	2717.6	85.3
0°-60°	3127.9	98.2
0°-90°	3185.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3185.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3153	
5°	3084	288
15°	2661	746
25°	2143	966
35°	1137	717
45°	373	303
55°	114	108
65°	41	41
75°	14	14
85°	0	2
90°	0	



TEST NUMBER: P844411

CATALOG NUMBER: LD6C35DE010B2750 EU6C35B40 6LBMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	3152.6
2.5°	3143.5
5°	3084.4
7.5°	2997.9
10°	2893.4
12.5°	2779.6
15°	2661.2
17.5°	2529.4
20°	2411.1
22.5°	2288.3
25°	2142.7
27.5°	1942.5
30°	1706.0
32.5°	1428.3
35°	1137.3
37.5°	891.7
40°	677.8
42.5°	504.9
45°	373.1
47.5°	273.0
50°	200.2
52.5°	150.1
55°	113.7
57.5°	86.4
60°	68.2
62.5°	50.1
65°	40.9
67.5°	31.7
70°	22.8
72.5°	18.1
75°	13.6
77.5°	9.2
80°	4.4
82.5°	4.4
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)