

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: P844248

Luminaire Tested: **LD6C25DE010B2750 EU6C25B40 6LBWH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844248
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: LD6C25DE010B2750 EU6C25B40 6LBWH
Description:
Light Source: -
Ballast/Driver:

Summary

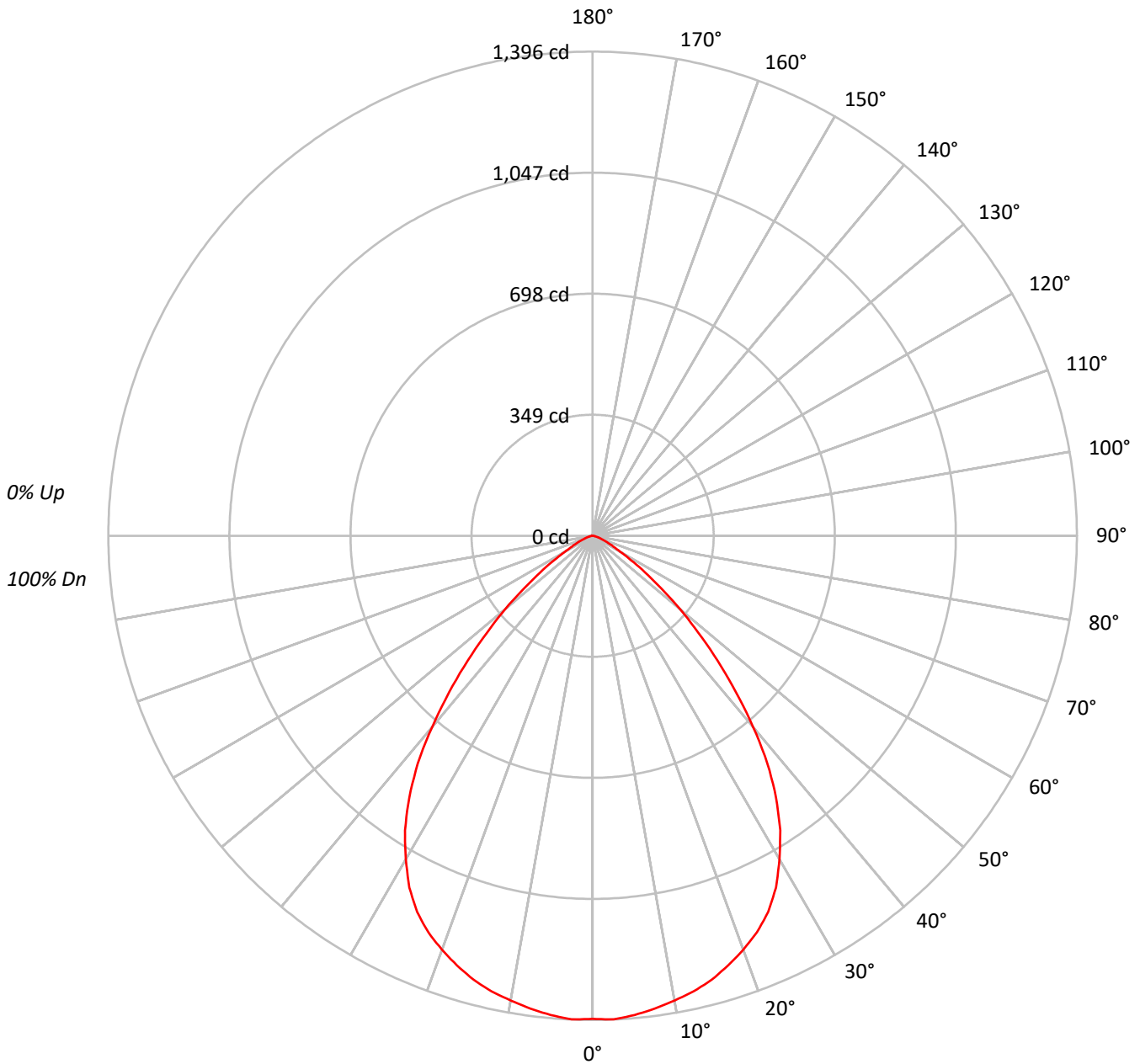
Lumens per Lamp: N/A
Luminaire Lumens: 2258.0 lumens
Efficiency: N/A
Efficacy: 75.8 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.16 / 1.16
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P844248

CATALOG NUMBER: LD6C25DE010B2750 EU6C25B40 6LBWH

Luminous Intensity Polar Plot





TEST NUMBER: P844248

CATALOG NUMBER: LD6C25DE010B2750 EU6C25B40 6LBWH

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
1	112	109	106	103	110	107	104	101	103	100	98	99	97	95	95	94	93	91			91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			81
3	98	90	84	79	96	89	83	78	86	81	77	83	79	76	81	78	75	73			73
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65			65
5	86	75	68	63	84	74	68	63	72	66	62	71	65	61	69	64	61	59			59
6	80	69	62	57	78	68	61	56	67	61	56	65	60	56	64	59	55	53			53
7	75	64	56	51	73	63	56	51	62	55	51	60	55	51	59	54	50	49			49
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			44
9	66	55	48	43	65	54	47	43	53	47	43	52	47	42	51	46	42	41			41
10	62	51	44	40	61	50	44	39	50	43	39	49	43	39	48	43	39	38			38

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	76348
5°	76321
10°	75733
15°	75222
20°	74078
25°	72385
30°	68156
35°	61683
40°	51504
45°	39461
50°	27956
55°	17615
60°	9933
65°	6447
70°	4215
75°	3092
80°	1863
85°	1887



TEST NUMBER: P844248

CATALOG NUMBER: LD6C25DE010B2750 EU6C25B40 6LBWH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.5	5.8
10°-20°	373.2	16.5
20°-30°	547.3	24.2
30°-40°	569.6	25.2
40°-50°	394.0	17.5
50°-60°	171.6	7.6
60°-70°	52.6	2.3
70°-80°	15.8	0.7
80°-90°	2.4	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°	1052.0	46.6
0°-40°	1621.6	71.8
0°-60°	2187.2	96.9
0°-90°	2258.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2258.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1393	
5°	1387	132
15°	1325	373
25°	1197	547
35°	922	570
45°	509	394
55°	184	172
65°	50	53
75°	15	16
85°	3	2
90°	0	



TEST NUMBER: P844248

CATALOG NUMBER: LD6C25DE010B2750 EU6C25B40 6LBWH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1392.7
2.5°	1395.7
5°	1386.9
7.5°	1375.2
10°	1360.5
12.5°	1345.8
15°	1325.4
17.5°	1299.1
20°	1269.8
22.5°	1237.6
25°	1196.7
27.5°	1144.0
30°	1076.7
32.5°	1006.4
35°	921.7
37.5°	828.1
40°	719.7
42.5°	611.5
45°	509.0
47.5°	412.5
50°	327.8
52.5°	248.8
55°	184.3
57.5°	131.7
60°	90.6
62.5°	67.3
65°	49.7
67.5°	38.1
70°	26.3
72.5°	20.5
75°	14.6
77.5°	8.8
80°	5.9
82.5°	3.0
85°	3.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)