

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: P843888

Luminaire Tested: **LD6C08DE010B2750 EU6C08B35 6LBNLI**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P843888
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205310)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C08DE010B2750 EU6C08B35 6LBNLI
Description:
Light Source: -
Ballast/Driver:

Summary

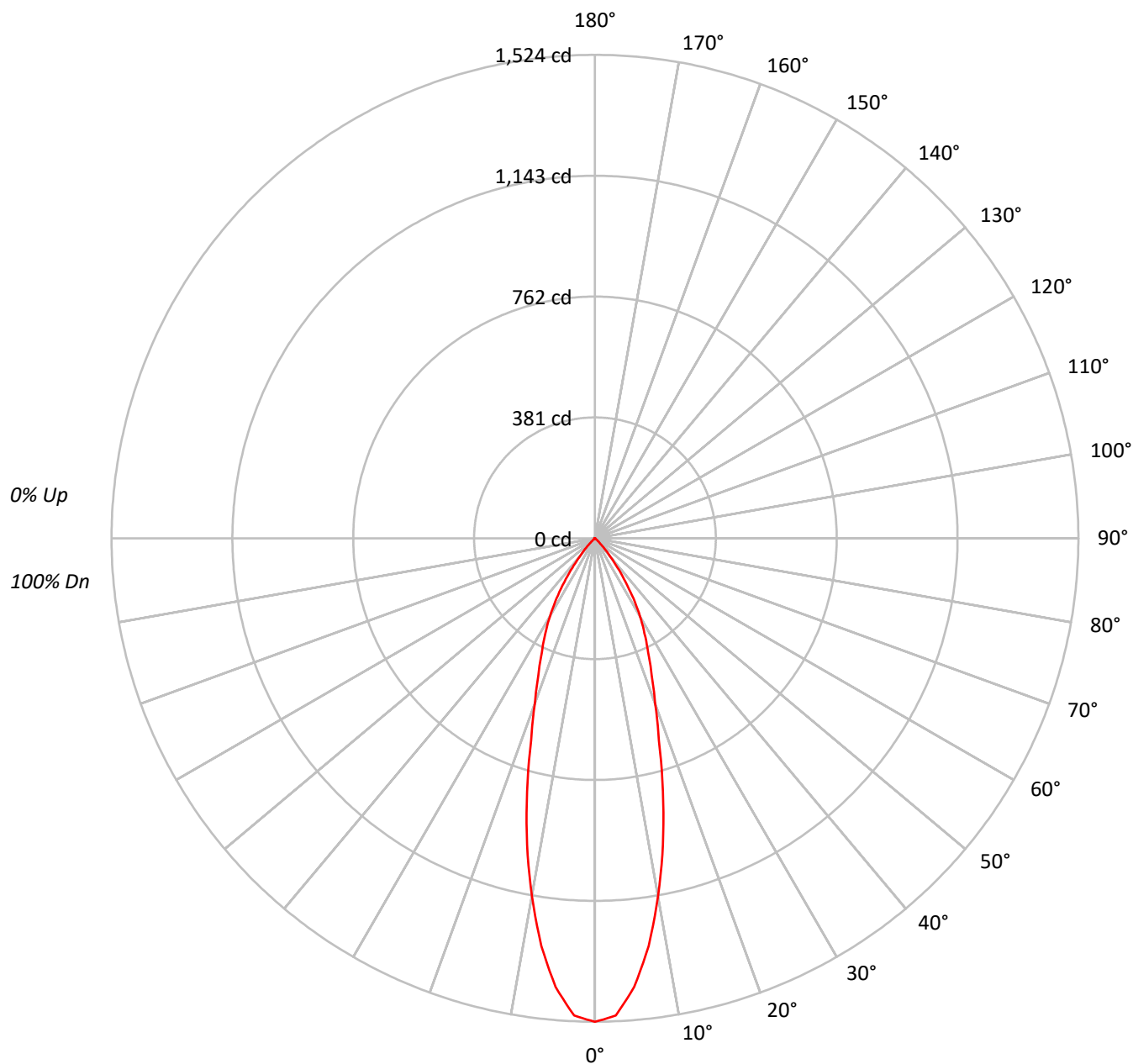
Lumens per Lamp: N/A
Luminaire Lumens: 669.5 lumens
Efficiency: N/A
Efficacy: 69.7 lumens/watt
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.58
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 9.6
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					0
RW	70	50	30	10		70	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			100
1	114	112	109	107		112	109	107	106		105	104	102			102	101	99			95
2	109	105	101	98		107	103	100	97		100	97	95			97	95	93			89
3	105	99	94	91		103	97	93	90		95	91	89			93	90	87			85
4	100	93	88	85		98	92	88	84		90	86	83			88	85	82			80
5	96	88	83	79		94	87	83	79		86	82	78			84	81	78			76
6	92	84	79	75		90	83	78	75		82	77	74			80	76	74			72
7	88	80	74	71		87	79	74	71		78	73	70			77	73	70			68
8	84	76	71	67		83	75	70	67		74	70	67			73	69	66			65
9	81	73	67	64		80	72	67	64		71	67	63			70	66	63			62
10	78	69	64	61		77	69	64	61		68	64	61			67	63	60			59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	83562
5°	78142
10°	63732
15°	46896
20°	32325
25°	23995
30°	18022
35°	11243
40°	5460
45°	1868
50°	247
55°	182
60°	110
65°	130
70°	160
75°	0
80°	0
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.7	18.9
10°-20°	227.5	34.0
20°-30°	183.9	27.5
30°-40°	106.0	15.8
40°-50°	22.4	3.3
50°-60°	1.9	0.3
60°-70°	1.0	0.1
70°-80°	0.1	0.0
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°	538.1	80.4
0°-40°	644.1	96.2
0°-60°	668.4	99.8
0°-90°	669.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	669.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1524	
5°	1420	127
15°	826	227
25°	397	184
35°	168	106
45°	24	22
55°	2	2
65°	1	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1524.3
2.5°	1506.0
5°	1420.0
7.5°	1296.4
10°	1144.9
12.5°	989.5
15°	826.3
17.5°	669.0
20°	554.1
22.5°	466.3
25°	396.7
27.5°	337.9
30°	284.7
32.5°	225.9
35°	168.0
37.5°	116.8
40°	76.3
42.5°	46.3
45°	24.1
47.5°	9.6
50°	2.9
52.5°	2.9
55°	1.9
57.5°	1.9
60°	1.0
62.5°	1.0
65°	1.0
67.5°	1.0
70°	1.0
72.5°	0.0
75°	0.0
77.5°	0.0
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)