

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: P844367

Luminaire Tested: **LD6C35DE010B2750 EU6C35B27 6LBWH**

Issue Date: 2/17/2023

Test Information

Test Method: LM-79-08
Report Number: P844367
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 EU6C35B27 6LBWH
Description:
Light Source: -
Ballast/Driver:

Summary

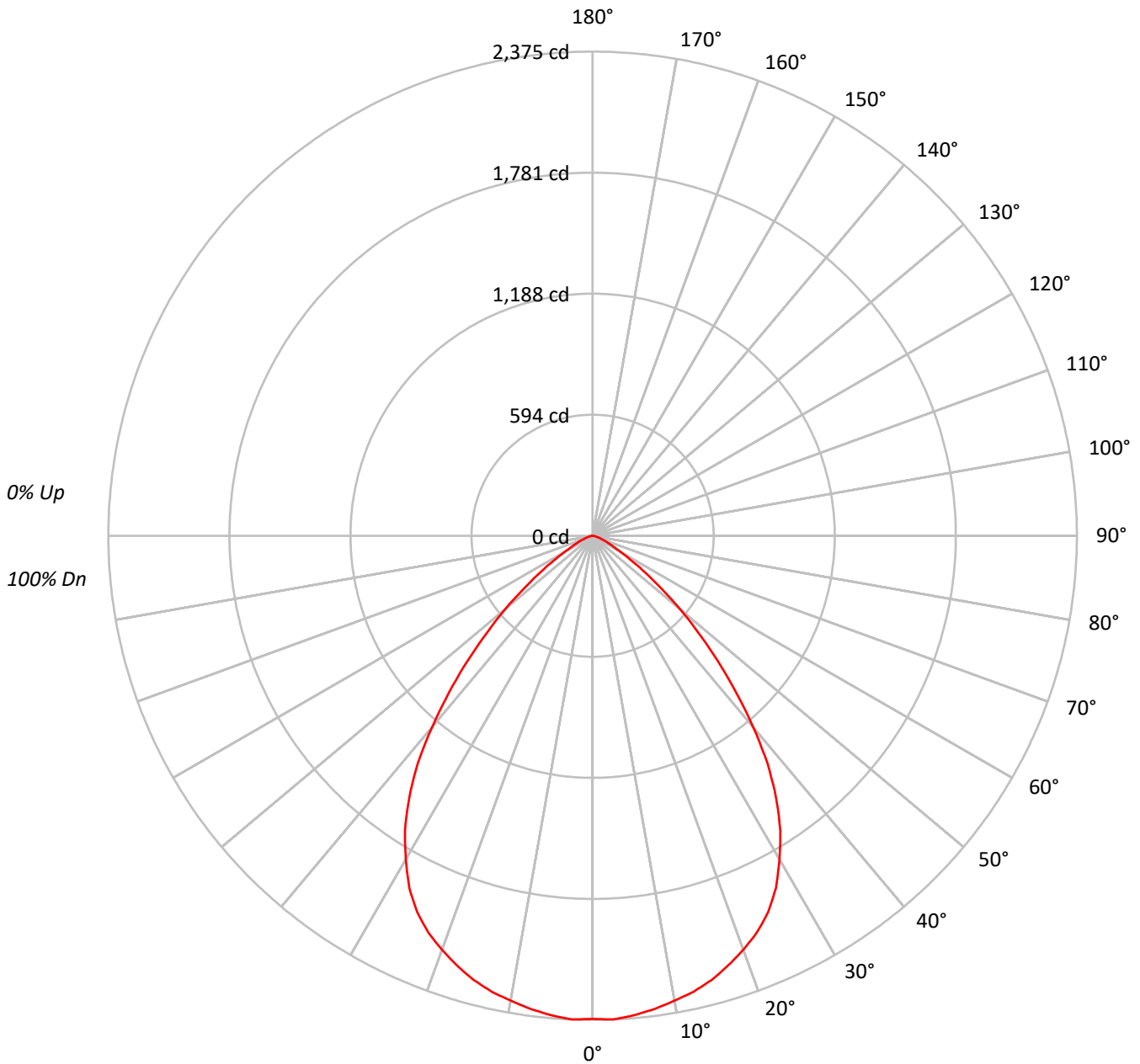
Lumens per Lamp: N/A
Luminaire Lumens: 3842.4 lumens
Efficiency: N/A
Efficacy: 92.1 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.16 / 1.16
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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			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°	129913
5°	129870
10°	128872
15°	128009
20°	126052
25°	123176
30°	115980
35°	104962
40°	87643
45°	67154
50°	47563
55°	29992
60°	16918
65°	10974
70°	7165
75°	5274
80°	3157
85°	3145



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	223.8	5.8
10°-20°	635.1	16.5
20°-30°	931.3	24.2
30°-40°	969.2	25.2
40°-50°	670.5	17.5
50°-60°	292.0	7.6
60°-70°	89.5	2.3
70°-80°	26.8	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°	1790.2	46.6
0°-40°	2759.4	71.8
0°-60°	3722.0	96.9
0°-90°	3842.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3842.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2370	
5°	2360	224
15°	2256	635
25°	2036	931
35°	1568	969
45°	866	671
55°	314	292
65°	85	90
75°	25	27
85°	5	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2369.8
2.5°	2374.8
5°	2360.0
7.5°	2340.1
10°	2315.1
12.5°	2290.2
15°	2255.5
17.5°	2210.6
20°	2160.7
22.5°	2106.1
25°	2036.4
27.5°	1946.8
30°	1832.2
32.5°	1712.6
35°	1568.4
37.5°	1409.1
40°	1224.7
42.5°	1040.6
45°	866.2
47.5°	702.0
50°	557.7
52.5°	423.3
55°	313.8
57.5°	224.1
60°	154.3
62.5°	114.5
65°	84.6
67.5°	64.8
70°	44.7
72.5°	34.9
75°	24.9
77.5°	14.8
80°	10.0
82.5°	5.0
85°	5.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)