

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P205483

Luminaire Tested: **LE_6B15D010 EC6B10208027 6LBMGPH1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P205483
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35319)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LE_6B15D010 EC6B10208027 6LBMGPH1
Description: PORTFOLIO 6 INCH 50 DEGREE CUTOFF RECESSED DOWNLIGHT
MEDIUM DISTRIBUTION WITH GRAPHITE HAZE TRIM
WATTAGE D010TR-14.39 W DE010-14.29 W D5LT-14.34 W DMX-14.46 W DL2-15.8 W
DL3-15.28 W DLE-15.432 W
Light Source: HIGH LUMEN LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 978.5 lumens
Efficiency: N/A
Efficacy: 68.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Point Source (0' x 0' x 0')
CIE Type: Direct

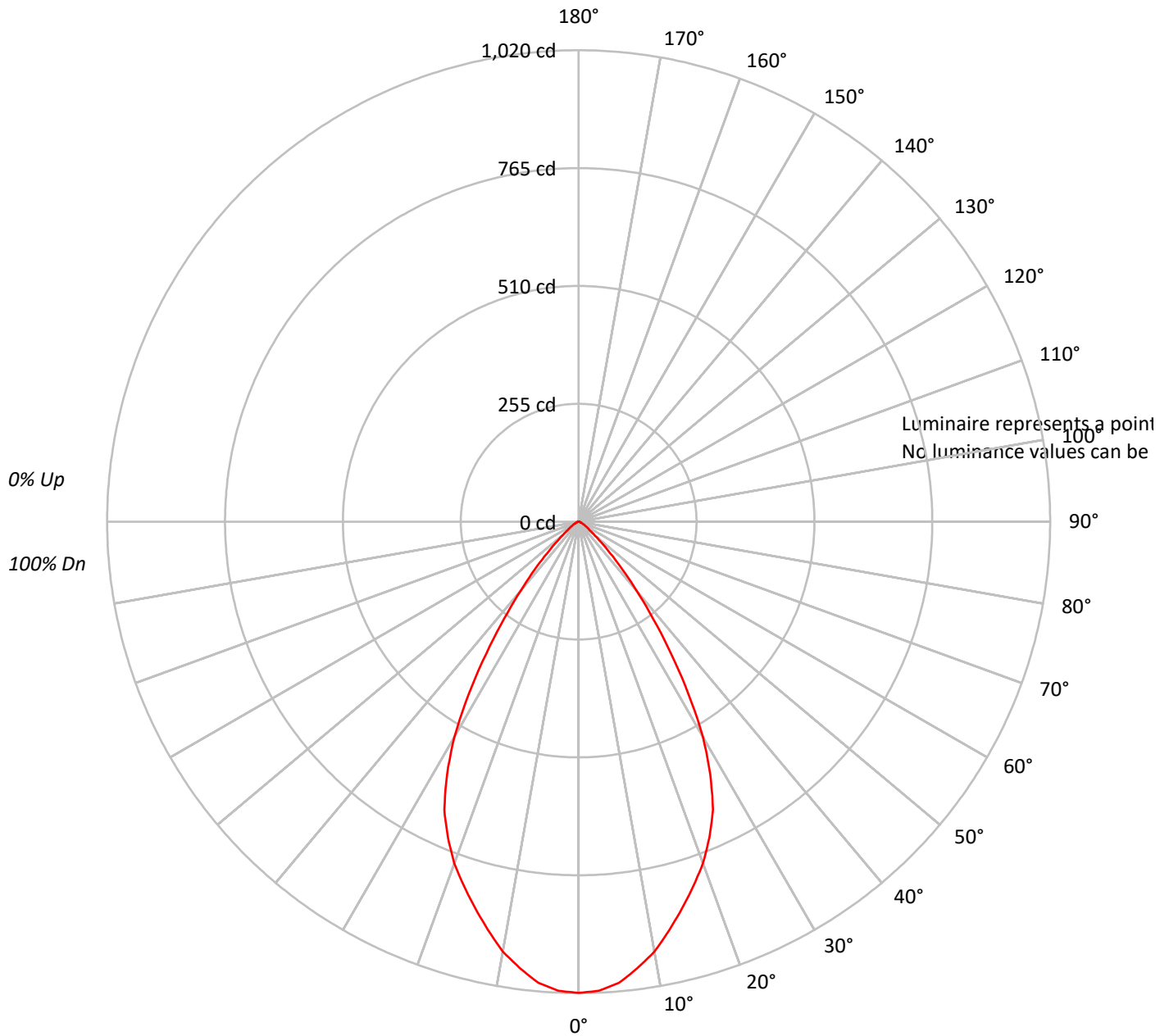
Input Watts (W): 14.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P205483

CATALOG NUMBER: LE_6B15D010 EC6B10208027 6LBMGPH1

Luminous Intensity Polar Plot





TEST NUMBER: P205483

CATALOG NUMBER: LE_6B15D010 EC6B10208027 6LBMGPH1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					50					30					10
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	110	108	105		111	108	106	104		104	102	101		100	99	98		97	96	95
2	107	102	98	94		105	100	97	93		97	94	91		94	92	89		91	89	87
3	102	95	90	85		99	93	89	85		91	87	83		88	85	82		86	83	81
4	96	88	82	78		94	87	82	77		85	80	77		83	79	76		81	78	75
5	91	82	76	72		89	81	76	71		79	74	71		78	73	70		76	72	69
6	86	77	71	66		85	76	70	66		74	69	65		73	68	65		72	68	64
7	82	72	66	61		80	71	65	61		70	65	61		69	64	60		68	63	60
8	77	68	61	57		76	67	61	57		66	60	57		65	60	56		64	59	56
9	74	64	57	53		72	63	57	53		62	57	53		61	56	53		60	56	53
10	70	60	54	50		69	59	54	50		59	53	50		58	53	49		57	53	49

AVERAGE LUMINANCE (cd/sqm):





TEST NUMBER: P205483

CATALOG NUMBER: LE_6B15D010 EC6B10208027 6LBMGPH1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.7	9.6
10°-20°	243.0	24.8
20°-30°	309.7	31.6
30°-40°	218.9	22.4
40°-50°	79.9	8.2
50°-60°	22.2	2.3
60°-70°	8.0	0.8
70°-80°	2.9	0.3
80°-90°	0.3	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°	646.4	66.1
0°-40°	865.2	88.4
0°-60°	967.3	98.9
0°-90°	978.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	978.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1020	
5°	1002	94
15°	866	243
25°	688	310
35°	348	219
45°	97	80
55°	24	22
65°	8	8
75°	2	3
85°	0	0
90°	0	



TEST NUMBER: P205483

CATALOG NUMBER: LE_6B15D010 EC6B10208027 6LBMGPH1

CANDELA DISTRIBUTION (FULL):

	0°
0°	1019.5
2.5°	1015.6
5°	1001.8
7.5°	974.1
10°	944.5
12.5°	905.0
15°	865.5
17.5°	825.9
20°	786.4
22.5°	739.0
25°	687.6
27.5°	616.5
30°	537.5
32.5°	442.6
35°	347.8
37.5°	264.8
40°	193.6
42.5°	140.2
45°	96.9
47.5°	65.2
50°	43.5
52.5°	29.6
55°	23.8
57.5°	17.8
60°	13.9
62.5°	9.9
65°	7.9
67.5°	5.9
70°	4.0
72.5°	4.0
75°	2.0
77.5°	2.0
80°	2.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By E9808895 / USPTCWHP6082093





— 0°-180°







(END OF REPORT)