

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: P205484

Luminaire Tested: **LE_6B15D010 EC6B10208030 6LBMGPH1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P205484
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 EC6B10208030 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: 1022.5 lumens
Efficiency: N/A
Efficacy: 71.5 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

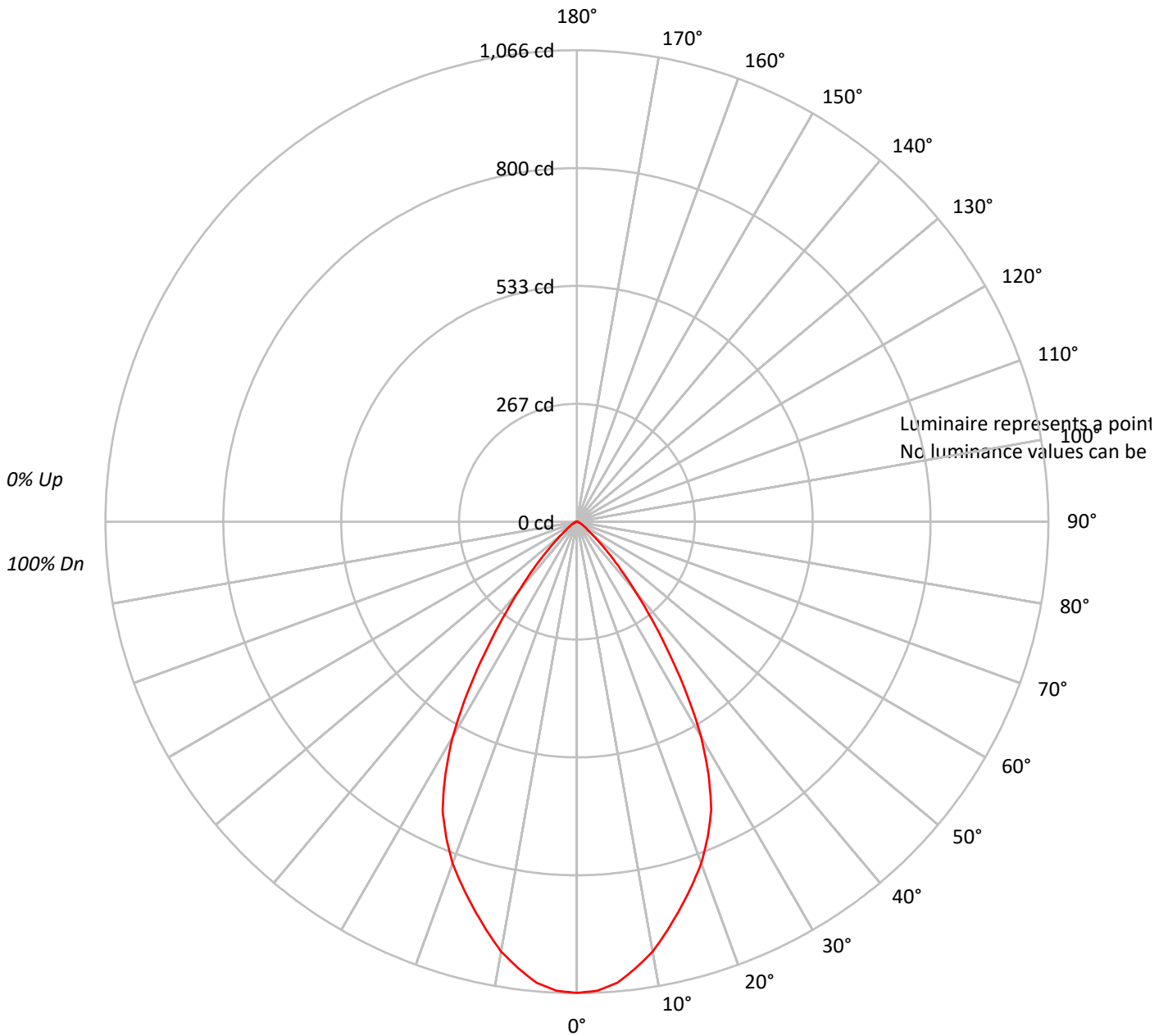
Input Watts (W): 14.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P205484

CATALOG NUMBER: LE_6B15D010 EC6B10208030 6LBMGPH1

Luminous Intensity Polar Plot





TEST NUMBER: P205484

CATALOG NUMBER: LE_6B15D010 EC6B10208030 6LBMGPH1

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			
1	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93			
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86			
3	102	95	90	85	99	93	89	85	91	87	83	88	85	82	86	83	81	79			
4	96	88	82	78	94	87	82	77	85	80	77	83	79	76	81	78	75	73			
5	91	82	76	72	89	81	76	71	79	74	71	78	73	70	76	72	69	68			
6	86	77	71	66	85	76	70	66	74	69	65	73	68	65	72	68	64	63			
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59			
8	77	68	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55			
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51			
10	70	60	54	50	69	59	54	50	59	53	50	58	53	49	57	53	49	48			

AVERAGE LUMINANCE (cd/sqm):





TEST NUMBER: P205484

CATALOG NUMBER: LE_6B15D010 EC6B10208030 6LBMGPH1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.9	9.6
10°-20°	254.0	24.8
20°-30°	323.6	31.6
30°-40°	228.7	22.4
40°-50°	83.5	8.2
50°-60°	23.2	2.3
60°-70°	8.4	0.8
70°-80°	3.0	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°	675.5	66.1
0°-40°	904.2	88.4
0°-60°	1010.8	98.9
0°-90°	1022.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1022.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1066	
5°	1047	98
15°	904	254
25°	719	324
35°	363	229
45°	101	83
55°	25	23
65°	8	8
75°	2	3
85°	0	0
90°	0	



TEST NUMBER: P205484

CATALOG NUMBER: LE_6B15D010 EC6B10208030 6LBMGPH1

CANDELA DISTRIBUTION (FULL):

	0°
0°	1065.5
2.5°	1061.4
5°	1046.9
7.5°	1018.0
10°	987.0
12.5°	945.8
15°	904.4
17.5°	863.1
20°	821.9
22.5°	772.2
25°	718.6
27.5°	644.2
30°	561.6
32.5°	462.5
35°	363.4
37.5°	276.8
40°	202.4
42.5°	146.6
45°	101.1
47.5°	68.1
50°	45.4
52.5°	31.0
55°	24.8
57.5°	18.6
60°	14.5
62.5°	10.4
65°	8.2
67.5°	6.2
70°	4.1
72.5°	4.1
75°	2.1
77.5°	2.1
80°	2.1
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By E9808895 / USPTCWHP6082093

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





— 0°-180°







(END OF REPORT)