

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: P202672

Luminaire Tested: **LE_6B60D010R EC6B60708040 6LBMWMH1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P202672
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_6B60D010R EC6B60708040 6LBMWMH1
Description: PORTFOLIO 6 INCH 50 DEGREE CUTOFF RECESSED DOWNLIGHT
MEDIUM DISTRIBUTION WITH WARM HAZE TRIM
SINGLE DRIVER D010TE
Light Source: HIGH LUMEN LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

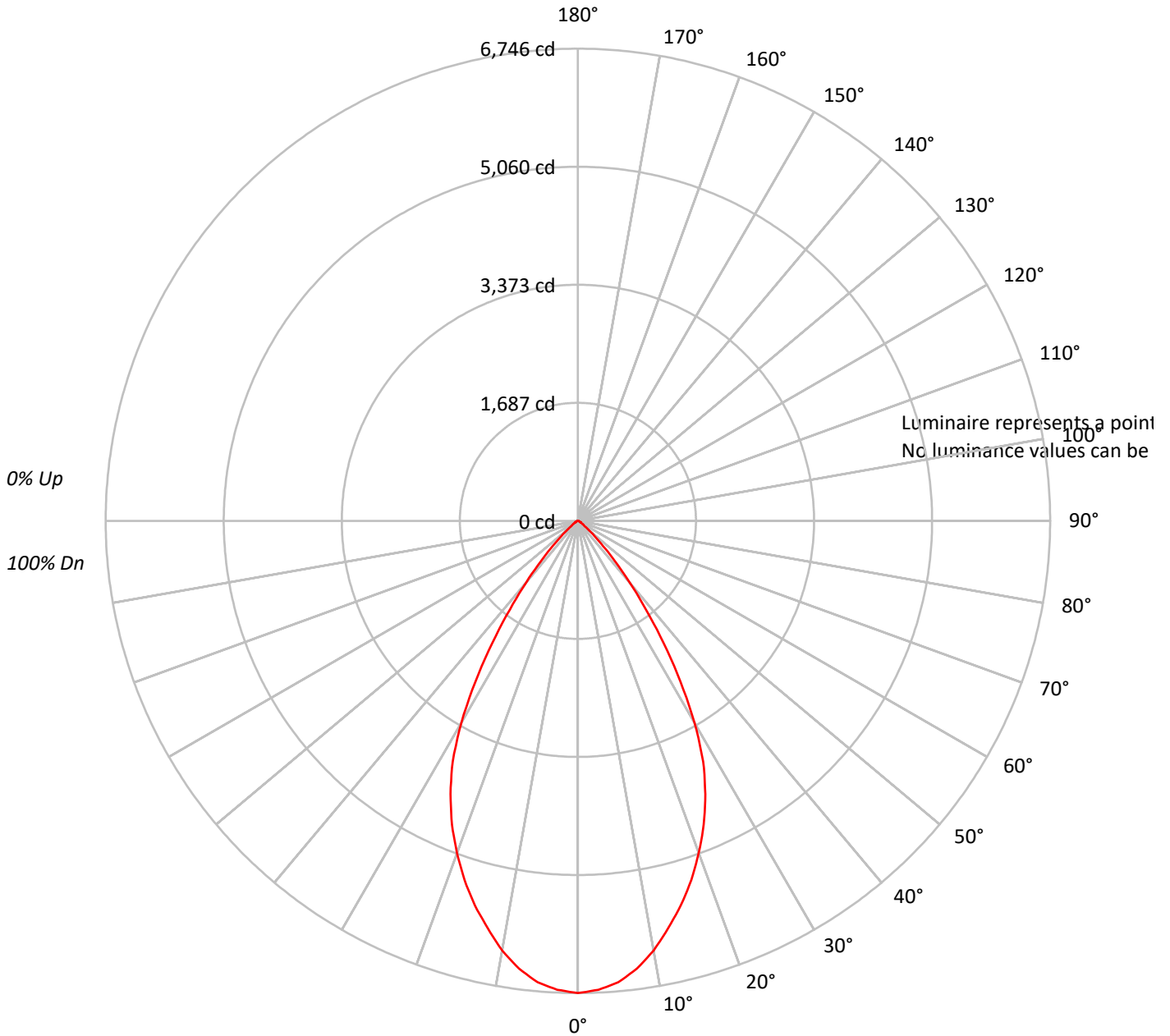
Lumens per Lamp: N/A
Luminaire Lumens: 6066.2 lumens
Efficiency: N/A
Efficacy: 97.1 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.9 / 0.89
Luminous Opening: Point Source (0' x 0' x 0')
CIE Type: Direct

Input Watts (W): 62.5
Input Voltage (V): NR
Input Current (A_{in}): 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: P202672
CATALOG NUMBER: LE_6B60D010R EC6B60708040 6LBMWMH1

Luminous Intensity Polar Plot





TEST NUMBER: P202672

CATALOG NUMBER: LE_6B60D010R EC6B60708040 6LBMWMH1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	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	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93																												
2	108	103	99	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86																												
3	102	95	90	86	100	94	89	86	91	88	84	89	86	83	87	84	82	80																												
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74																												
5	92	83	77	73	90	82	77	73	80	76	72	79	75	71	77	74	71	69																												
6	87	78	72	67	85	77	71	67	76	71	67	74	70	66	73	69	66	64																												
7	83	73	67	63	81	72	67	63	71	66	62	70	65	62	69	65	61	60																												
8	78	69	63	58	77	68	62	58	67	62	58	66	61	58	65	61	58	56																												
9	75	65	59	55	73	64	59	55	63	58	54	62	58	54	62	57	54	53																												
10	71	61	55	51	70	61	55	51	60	55	51	59	54	51	58	54	51	50																												

AVERAGE LUMINANCE (cd/sqm):





TEST NUMBER: P202672

CATALOG NUMBER: LE_6B60D010R EC6B60708040 6LBMWMH1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	619.2	10.2
10°-20°	1589.5	26.2
20°-30°	1952.2	32.2
30°-40°	1338.6	22.1
40°-50°	430.3	7.1
50°-60°	87.2	1.4
60°-70°	34.3	0.6
70°-80°	12.8	0.2
80°-90°	2.1	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°	4160.9	68.6
0°-40°	5499.5	90.7
0°-60°	6017.0	99.2
0°-90°	6066.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6066.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6746	
5°	6618	619
15°	5686	1589
25°	4307	1952
35°	2136	1339
45°	509	430
55°	88	87
65°	36	34
75°	10	13
85°	0	2
90°	0	



TEST NUMBER: P202672

CATALOG NUMBER: LE_6B60D010R EC6B60708040 6LBMWMH1

CANDELA DISTRIBUTION (FULL):

	0°
0°	6746.1
2.5°	6705.0
5°	6617.5
7.5°	6452.9
10°	6231.6
12.5°	5958.9
15°	5686.1
17.5°	5382.5
20°	5048.0
22.5°	4698.1
25°	4307.0
27.5°	3874.8
30°	3329.4
32.5°	2727.2
35°	2135.5
37.5°	1595.2
40°	1147.5
42.5°	782.1
45°	509.4
47.5°	313.9
50°	190.4
52.5°	118.4
55°	87.5
57.5°	66.9
60°	51.5
62.5°	41.1
65°	36.0
67.5°	25.8
70°	20.6
72.5°	15.4
75°	10.2
77.5°	10.2
80°	5.1
82.5°	5.1
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By E9808895 / USPTCWHP6082093





— 0°-180°







(END OF REPORT)