CAMBRIA 922 LED PHOTOMETRY DATA

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 12/08/16

LED Lumen and CBCP Table - 4000K

OPTIC TYPE (beam spread)	BASE + ACCESSORY OPTIONS	4000K CCT - Standard Hood					
		10W			6W		
		CBCP	LUMENS	LPW	CBCP	LUMENS	LPW
12′	BASE	7931	419	45	5948	314	53
	+ DIF (DIFFUSE)	1178	289	31	884	217	37
	+ OSL (OVERALL SPREAD LENS)	820	350	38	615	263	45
	+ LSL (LINEAR SPREAD LENS)	NA	343	36	NA	257	44
	+ LVR (HEXCELL LOUVER)	7165	339	36	5374	254	43
21′	BASE	2194	344	37	1646	258	44
	+ DIF (DIFFUSE)	683	241	26	512	181	31
	+ OSL (OVERALL SPREAD LENS)	595	290	32	446	218	37
	+ LSL (LINEAR SPREAD LENS)	NA	282	31	NA	212	36
	+ LVR (HEXCELL LOUVER)	2030	249	27	1523	187	32
41′	BASE	1173	304	33	880	228	39
	+ DIF (DIFFUSE)	418	205	22	314	154	26
	+ OSL (OVERALL SPREAD LENS)	595	250	27	446	188	32
	+ LSL (LINEAR SPREAD LENS)	NA	245	27	NA	184	31
	+ LVR (HEXCELL LOUVER)	1078	195	21	809	146	25

CONE OF LIGHT

Horizontal Illuminance on Surface - Cambria 922 Standard Recessed Hood -4000K

Filename: 922-10LED4012-12-BK.ies		
Test No.: P184457		
D	FC	Beam Diameter
2'	1912.8	0.4
4'	478.2	0.8
6'	212.5	1.2
8'	119.5	1.6
10'	76.5	2.0
15'	34.0	3.2
20'	19.1	4.2
30'	8.5	6.4
40'	4.8	8.4

Filename: 922-10LED4021-12-BK.ies		
Test No.: P185207		
D	FC	Beam Diameter
2'	548.5	0.6
4'	137.1	1.3
6'	60.9	2.1
8'	34.3	2.8
10'	21.9	3.6
15'	9.8	5.3
20'	5.5	7.2
30'	2.4	10.6
40'	1.4	13.9

Filename: 922-10LED4041-12-BK.ies		
Test No.: P185957		
D	FC	Beam Diameter
2'	290.7	0.8
4'	72.7	1.6
6'	32.3	2.5
8'	18.2	3.3
10'	11.6	4.2
15'	5.2	6.4
20'	2.9	8.5
30'	1.3	12.6
40'	0.7	16.2

CCT MULTIPLIER TABLE

CCT(K) / COLOR	MULTIPLIER
2700K	0.79
3000K	0.86
4000K	1.00
5700K	1.05
AMBER	0.57

TECHNICAL INFORMATION

1. Dimming is dependant on remote transformer compatibility with LED module. Please see compatibility matrix for dimmer switch and transformer selection.
2. When using a magnetic dimmer switch there are two recommended LED compatible 120V magnetic dimming switches:
   Lutron Ariadni AVLV-600P and Lutron Diva DVLV-600P
3. IMPORTANT: when sizing the transformer use 9 watts for 6LED or 15 watts for 10LED option fixture. Nominal power draw after start up is 6 watts or 10 watts accordingly. The LED module is designed to operate between 10 and 13 volts. Any less or more voltage can cause premature failures.