

ID+ 3.5" x 3.5"

LED DOWNLIGHT

FLC33D-SO-1300L-120-L11-T/LC33-SO-1300L-35K-DNT-WFL-CD

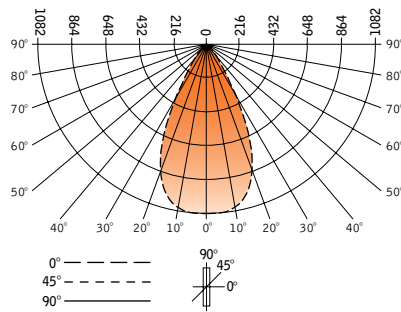
Filename: FLC33DSO1300LSO35KDNTWFLCD.IES

Lumens: 1082lm

System Watts: 15W

LPW: 72

CANDLEPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle				Zonal Lumens
	0°	22.5°	45°	67.5°	
0°	1377	1377	1377	1377	1377
5°	1373	1377	1376	1374	130
15°	1228	1259	1289	1263	349
25°	708	815	921	809	700
35°	187	223	334	222	188
45°	67	73	76	76	71
55°	11	12	18	12	11
65°	4	4	4	4	4
75°	2	2	2	1	2
85°	1	1	1	2	1
90°	1	1	1	1	0

LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	841	77.7
0-40°	1002	92.6
0-60°	1075	99.3
0-90°	1082	100.0
Total Luminaire	0-180°	1082 100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal		
	0°	45°	90°
45°	12034	13555	12690
55°	2486	4044	2505
65°	1232	1285	1205
75°	743	918	700
85°	1039	1168	1039

CO-EFFICIENTS OF UTILIZATION

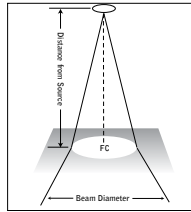
Floor Ceiling Wall	80				70				20				50				30				10				00			
	70	50	30	10	70	50	30	10	50	10	50	10	50	10	50	10	50	10	50	10	50	10	50	10	50	10	50	10
RCR 0	119	119	119	119	116	116	116	111	111	106	106	102	102	102	102	100	100	100	100	100	100	100	100	100	100	100	100	100
1	114	111	109	106	111	109	105	105	101	101	98	98	96	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94
2	108	104	100	96	106	102	95	99	93	96	91	93	89	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
3	103	97	92	88	101	96	88	93	86	91	85	88	84	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
4	98	91	86	82	96	90	81	88	80	86	79	84	78	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
5	94	86	80	76	92	85	75	83	75	81	74	80	74	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
6	89	81	75	71	88	80	71	78	70	77	70	76	69	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
7	85	76	70	66	84	75	66	74	66	73	65	72	65	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
8	81	72	66	62	80	72	62	70	62	69	62	68	61	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
9	78	68	63	59	76	68	59	67	59	66	58	65	58	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
10	74	65	59	56	73	64	56	64	55	63	55	62	55	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54

Numbers indicate percentage values of reflectivity.

FOOTCANDLE VALUES

0° aiming angle - horizontal surface

Distance from source	Beam Diameter	Center Beam (FC)
4'	3.8'	86
6'	5.7'	38
8'	7.5'	22
10'	9.4'	14



Footcandle results based on AGI32; Reflectances=0/0/0; LLF=1

Go to www.focalpointlights.com for additional photometric data.

ID+ 3.5" x 3.5"

LED DOWNLIGHT

FLC33D-SDO-1500L-120-L11-T/LC33-SDO-1500L-40K-DNS-WFL-WH

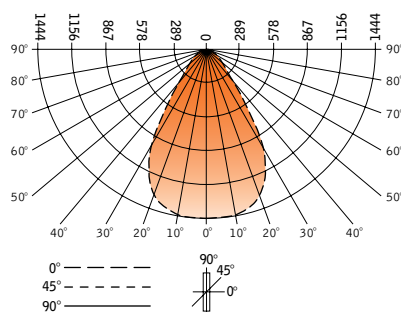
Filename: FLC33DSO1500LSDO35KDNSWFLWH.IES

Lumens: 1444lm

System Watts: 17W

LPW: 84

CANDLEPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle				Zonal Lumens
	0°	22.5°	45°	67.5°	
0°	1102	1102	1102	1102	1102
5°	1098	1100	1100	1101	79
15°	1059	1063	1067	1062	171
25°	872	899	928	892	864
35°	407	489	616	487	408
45°	166	183	237	185	168
55°	94	101	102	102	95
65°	41	42	47	42	41
75°	22	22	22	22	22
85°	6	6	6	6	6
90°	0	0	0	0	0

LUMEN SUMMARY

Zone	Lumens	% Fixture
0-40°	1125	77.9
0-60°	1369	94.8
0-90°	1444	100.0
90-180°	0	0.0
Total Luminaire	0-180°	1444 100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal		
	0°	45°	90°
45°	27620	39610	28030
55°	19370	21020	19620
65°	11370	13160	11430
75°	9809	9990	9918
85°	8245	8244	8338

CO-EFFICIENTS OF UTILIZATION

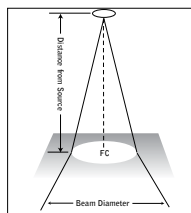
Floor Ceiling Wall	80				70				20				50				30				10				00			
	70	50	30	10	70	50	30	10	50	10	50	10	50	10	50	10	50	10	50	10	50	10	50	10	50	10	50	10
RCR 0	1719	1719	1719	1719	1679	1679	1679	1679	1605	1605	1537	1537	1474	1474	1444	1444	1444	1444	1444	1444	1444	1444	1444	1444	1444	1444	1444	1444
1	1620	1572	1529	1490	1583	1540	1466	1481	1420	1426	1378	1376	1338	1311	1311	1311	1311	1311	1311	1311	1311	1311	1311	1311	1311	1311	1311	1311
2	1520	1436	1366	1307	1487	1410	1292	1362	1263	1318	1235	1277	1209	1183	1183	1183	1183	1183	1183	1183	1183	1183	1183	1183	1183	1183	1183	1183
3	1426	1315	1230	1161	1395	1294	1152	1255	1133	1219	1114	1185	1097	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071
4	1339	1210	1115	1043	1311	1193	1037	1160	1024	1129	1011	1101	999	974	974	974	974	974	974	974	974	974	974	974	974	974	974	974
5	1258	1117	1018	945	1233	1102	941	1075	932	1050	923	1026	915	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890
6	1184	1035	934	862	1161	1023	859	999	853	978	847	957	841	817	817	817	817	817	817	817	817	817	817	817	817	817	817	817
7	1116	962	862	792	1095	951	789	932	785	913	780	896	776	752	752	752	752	752	752	752	752	752	752	752	752	752	752	752
8	1054	897	798	730	1035	888	729	871	725	855	722	840	718	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696
9	997	839	742	677	979	831	675	817	673	803	670	790	668	646	646	646	646	646	646	646	646	646	646	646	646	646	646	646
10	945	787	692	630	929	780	629	767	627	755	625	744	623	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602

Numbers indicate percentage values of reflectivity.

FOOTCANDLE VALUES

0° aiming angle - horizontal surface

Distance from source	Beam Diameter	Center Beam (FC)
4'	4.3'	69
6'	6.4'	31
8'	8.5'	17
10'	10.7'	11



Footcandle results based on AGI32; Reflectances=0/0/0; LLF=1

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