



NVLAP LAB CODE 201011-0

Report No.: GZE150531-D

LM-79-08 Test Report

For

L-TECH CORPORTION

(Brand Name: L-TECH CORP)

SHAOGANGTOU DISTRICT.QIAOTOU TOWN.DONGGUAN
CITY.GUANGDONG PROVINCE,CHINA

SSL downlight

Model name(s): CLED4P With TCLD4
CLED4A With TCLD4
CLED4R With TCLD4

Representative (Tested) Model: CLED4A With TCLD4

Model Difference: The construction and ratings of Model CLKT4 are the same as Model CLED4A, except ceiling mounting bracket.

Test & Report By:

Dendi Lin

Engineer: Dendi Lin

Date: Sep.16,2015

Review By:

Tommy Liang

Manager: Tommy Liang

Note: This report does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

Laboratory: Standard-Tech Co. Ltd Testing Center
NVLAP CODE: 201011-0

Report Format Number STD/QR4909-A/2

Address: 8th floor, Block B, No. 11 Caipin Road, Guangzhou Science City, Tianhe, Guangzhou 510663, China

Tel: 8620-3229 0320 Fax: 8620-32290422 <http://www.standard-tech.com>

U.S. Department of Energy

Lighting Facts™ Uniform LM-79 Reporting Template
Laboratory Information:

Name of Test Laboratory	Standard-Tech Co. Ltd
Date of Test Report	Sep.16,2015
Test Report No.	GZE150531-D
Laboratory Contact Name	Tommy Liang

Product Information:

Organization Name	L-TECH CORPORTION	
Brand Name	L-TECH CORP	
Model Number	CLED4A With TCLD4	
SKU (if available)	N/A	
Type of Luminaire (for integral lamps, list base type and lamp type)	SSL downlight	
Luminaire Aperture (for SSL downlights)	--	in.
Luminaire Length	--	mm
Luminaires Width	--	mm
Number of Units (modular products)	N/A	s

Integrating Sphere
Goniophotometer
Electrical Measurements:
Output
Output

Input Wattage	--	26.88	W
Input Current	--	0.2291	A
Input Voltage (ac)	--	120.0	V
Power Factor	--	0.9777	
Off-State Power	--	0	W

Photometric Characteristics

Total Initial Lumen Output	--	1725.1	lm
Initial Lumen Efficacy	--	64.18	lm/w
Correlated color temperature / CCT	3071	--	K
Color rendering index / CRI	85.8	--	
R9 Value	28	--	
Duv	-0.0031	--	

Luminous Intensity Distribution

Center beam candlepower (if applicable)	-----	1158	cd
Beam angle (if applicable)		68.7	°
Zonal lumens in the 0°-60° zone		89.5	%
Zonal lumens in the 60°-90° zone		10.5	%
Zonal lumens in the 90°-120° zone		0	%
Zonal lumens in the 120°-180° zone		0	%

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Test Specifications:	
Date of Receipt	: Aug.10,2015
Date of Test	: Sep.10,2015
Test item	: Total Luminous Flux, Luminous Distribution Intensity, Luminous Efficacy, Correlated Color Temperature, Color Rendering Index, Chromaticity Coordinate, Electrical parameters
Reference Standard	IES LM-79-2008 Electrical and Photometric Measurements of Solid-State Lighting Products ANSI C78.377-2008 Specifications for the Chromaticity of Solid State Lighting Products CIE 13.3-1995 Method of Measuring and Specifying Colour Rendering Properties of Light Sources CIE 15-2004 Technical Report Colorimetry IESNA LM-16-93 Practical Guide to Colorimetry of Light Source IESNA TM-16-05 Technical Memorandum on Light Emitting Diode (LED) Sources and Systems
Reference Work Instruction	QD25

Test Methods

1. Photometric and Electrical Measurements – Integrating Sphere Method:

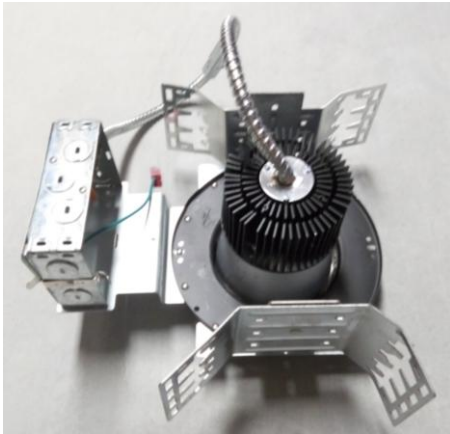
Photometric parameters were measured using an integrating sphere, a spectroradiometer and software. The ambient temperature condition inside the sphere was maintained at $25\text{ }^{\circ}\text{C} \pm 1\text{ }^{\circ}\text{C}$. The sample measurements were made using a spectroradiometer connected by a fiber optic cable and detector through the detector port of the integrating sphere. The sample was operated at 120 Volts AC, 60Hz. It was stabilized before measurement was made. Chromaticity coordinates, correlated color temperature and color rendering index were calculated from the spectral radiant flux measurements taken at least 5 nm intervals over the range of 380 to 780 nm.

1. Product Information:

Brand Name	L-TECH CORP
Model Number	CLED4P With TCLD4 CLED4A With TCLD4 CLED4R With TCLD4
Luminaire Type	SSL downlight
Rated Voltage / Frequency	120~277 Vac,50/ 60 Hz
Nominal Power	27W
Rated Initial Lamp Lumen	--
Declared CCT	3000K
LED Manufacturer	EVERLIGHT ELECTRONICS CO.,LTD
LED Model	62-217D
Sample Receipt Date	Aug.10,2015
Sample Number	GZE150531-D1

Photo

CLED4A With TCLD4



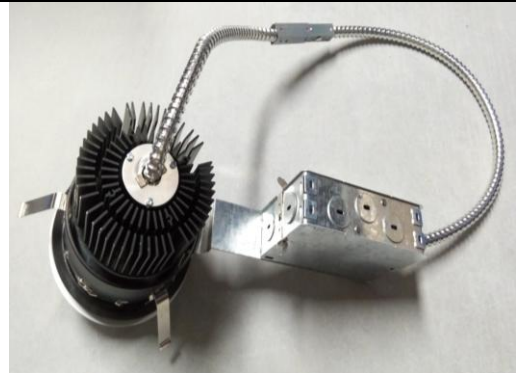
Luminaire CLKT4



CLED4P With TCLD4



CLED4R With TCLD4



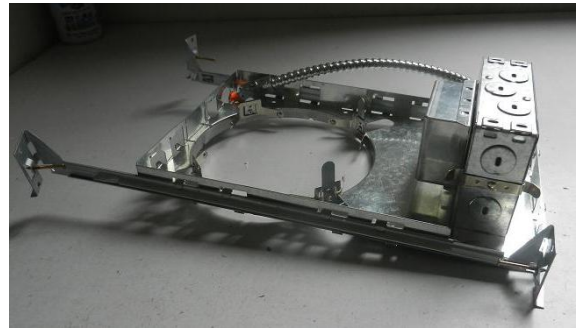
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Mounting fitting



2.1 Electrical, Photometric and Chromaticity Measurements <i>(Refer to Work Instruction QD25)</i>	IES LM-79 2008
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Test date	2015-09-14	Test Ambient:	25.2 °C
Test Orientation	As intended	Stabilization Time (min)	90
Model Number	CLED4A With TCLD4		

Electrical Measurement:

Sample No.	Voltage (Vac)	Frequency (Hz)	Current (A)	Power (W)	Power Factor	THD %
GZE150531 -D1	120.0	60	0.2291	26.88	0.9777	10.41

Sphere-Spectroradiometer Method:

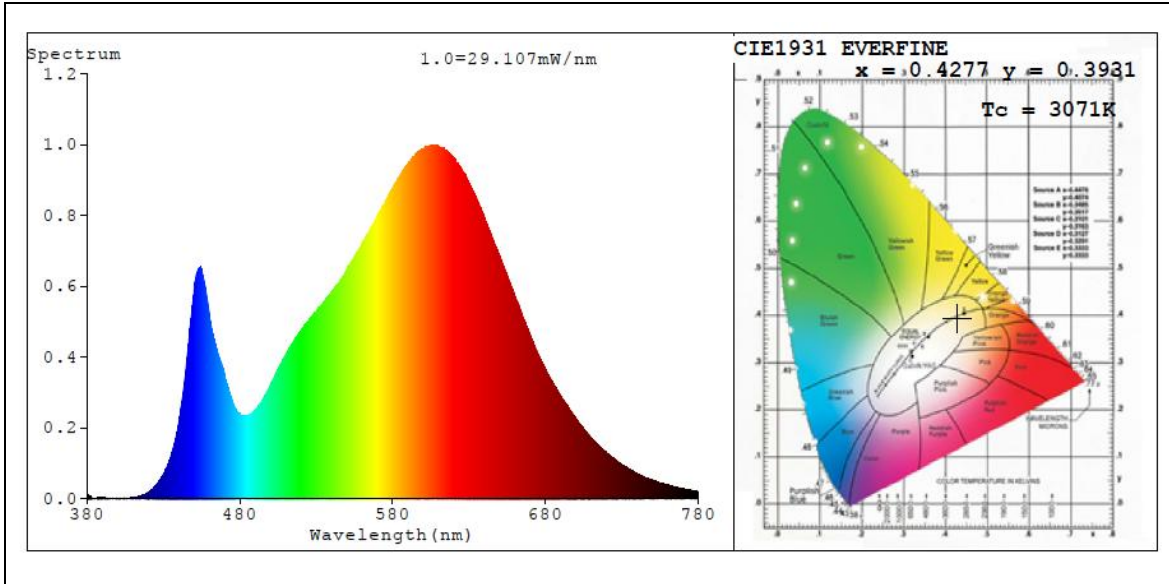
Parameter	Result
Test Voltage (V)	120.0
Frequency (Hz)	60
Color Rendering Index (CRI)	85.8
R9	28
CCT (K)	3071
Chromaticity (x, y)	x=0.4277 y=0.3931
Chromaticity (u', v')	u'=0.2493 v'=0.5156
Duv	-0.0031

Special Color Rendering Indices			
R1	85	R9	28
R2	94	R10	84
R3	96	R11	81
R4	83	R12	73
R5	85	R13	87
R6	91	R14	99
R7	85	R15	80
R8	67	--	--

Goniophotometer Method:

Parameter	Result
Test Voltage (V)	120.0
Frequency (Hz)	60
Total Luminous (lm)	1725.1
Luminous Efficacy (lm/W)	64.18
Beam Angle °	68.7
Center Beam Candle Power (cd)	1158

Spectral Power Distribution & Chromaticity Diagram



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Zonal Lumen Tabulation

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	803.6	46.6%
0-40	1,153.1	66.9%
0-60	1,543.0	89.5%
60-90	181.6	10.5%
70-100	73.7	4.3%
90-120	0.1	0%
0-90	1,724.5	100%
90-180	0.3	0%
0-180	1,724.8	100%

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	108.7	6.3%	90-100	0.0	0%
10-20	299.6	17.4%	100-110	0.0	0%
20-30	395.3	22.9%	110-120	0.0	0%
30-40	349.5	20.3%	120-130	0.0	0%
40-50	234.9	13.6%	130-140	0.0	0%
50-60	154.9	9.0%	140-150	0.0	0%
60-70	107.9	6.3%	150-160	0.0	0%
70-80	61.2	3.5%	160-170	0.0	0%
80-90	12.5	0.7%	170-180	0.0	0%

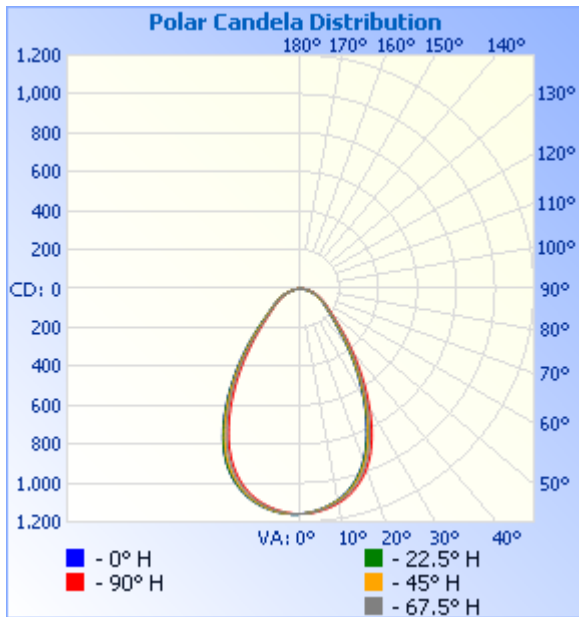
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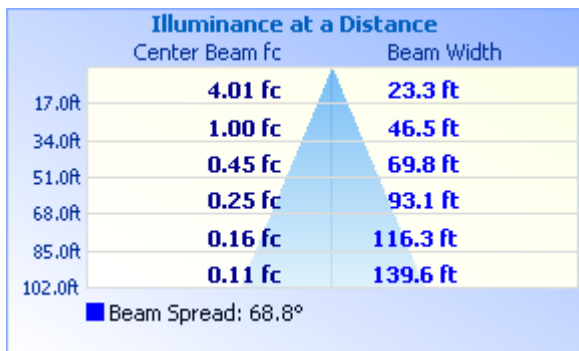
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Photometric Data



Illuminance Plots



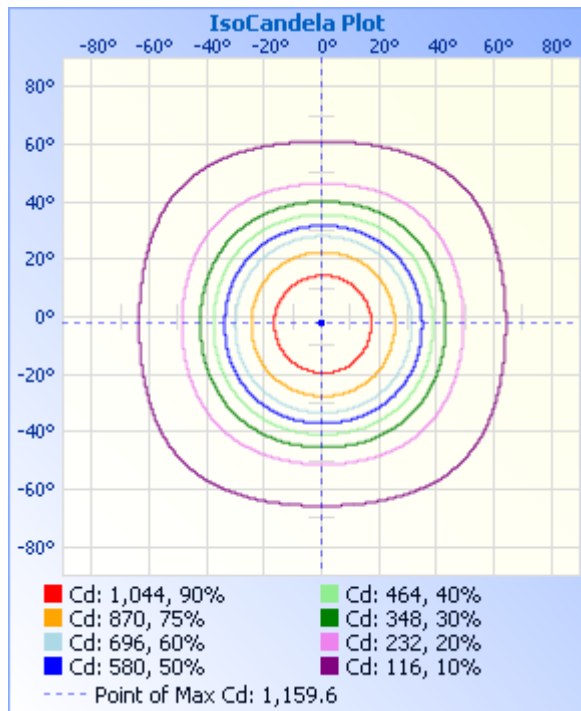
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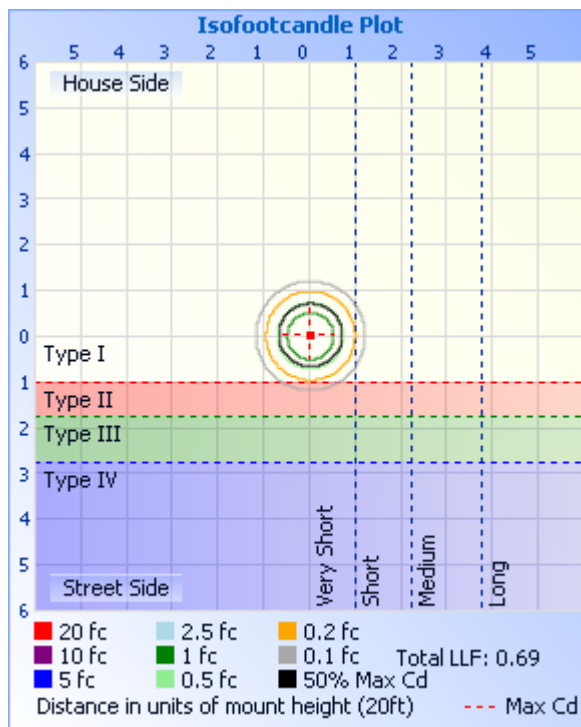
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ISOCANDELA DIAGRAM



ISOLUX DIAGRAM



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Table - Type C

	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5	360
0	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158
1	1156	1156	1156	1157	1157	1158	1159	1159	1159	1159	1159	1158	1157	1157	1156	1156	1156
2	1153	1153	1154	1155	1156	1157	1158	1159	1160	1160	1159	1158	1157	1155	1154	1153	1153
3	1149	1149	1150	1152	1154	1156	1158	1159	1160	1160	1158	1157	1155	1153	1151	1150	1149
4	1145	1145	1146	1148	1151	1154	1156	1158	1158	1158	1157	1155	1152	1149	1147	1145	1145
5	1139	1140	1141	1144	1147	1151	1154	1156	1157	1157	1155	1152	1149	1145	1143	1140	1139
6	1133	1134	1136	1139	1143	1147	1150	1153	1154	1154	1152	1148	1145	1141	1137	1135	1133
7	1127	1127	1130	1133	1138	1142	1147	1150	1151	1150	1148	1144	1140	1135	1131	1128	1127
8	1119	1120	1123	1127	1132	1137	1142	1145	1147	1146	1144	1139	1134	1129	1125	1121	1119
9	1112	1112	1115	1120	1126	1131	1136	1140	1142	1141	1138	1133	1128	1122	1117	1114	1112
10	1103	1104	1107	1112	1119	1125	1130	1134	1136	1136	1132	1127	1121	1115	1110	1106	1103
11	1093	1094	1099	1104	1111	1117	1123	1128	1130	1129	1126	1120	1113	1107	1101	1096	1093
12	1082	1083	1088	1094	1103	1110	1116	1121	1123	1123	1118	1112	1105	1097	1090	1085	1082
13	1069	1070	1076	1083	1092	1101	1108	1113	1116	1115	1111	1103	1094	1086	1079	1073	1069
14	1056	1057	1063	1071	1081	1090	1098	1104	1107	1107	1101	1092	1083	1074	1066	1059	1056
15	1041	1042	1048	1058	1069	1079	1087	1093	1097	1096	1090	1081	1071	1061	1052	1045	1041
16	1024	1025	1032	1043	1055	1066	1075	1082	1086	1085	1078	1068	1057	1046	1037	1029	1024
17	1006	1008	1015	1027	1040	1052	1062	1069	1073	1072	1065	1054	1042	1031	1020	1011	1006
18	987	988	997	1010	1024	1036	1047	1055	1060	1059	1051	1039	1026	1014	1002	992	987
19	966	967	977	991	1007	1020	1031	1040	1046	1045	1036	1023	1009	995	982	971	966
20	942	944	955	970	987	1002	1014	1024	1030	1029	1020	1005	990	975	960	949	942
21	918	920	931	948	966	983	996	1007	1013	1011	1002	986	970	953	937	925	918
22	891	894	906	924	944	962	976	988	994	994	983	965	947	930	912	898	891
23	864	867	879	898	919	939	955	967	975	974	962	943	924	905	885	871	864
24	835	839	851	870	893	915	932	945	953	952	939	919	899	878	857	841	835
25	805	809	821	841	865	889	907	921	930	928	915	894	873	850	827	811	805
26	774	779	791	810	836	861	881	896	905	903	889	868	845	821	797	780	774
27	743	748	759	779	805	832	854	869	878	876	862	840	816	790	765	748	743
28	710	716	728	747	774	802	825	841	850	848	833	811	787	759	733	717	710

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29	679	684	695	715	742	771	796	812	821	819	804	782	756	727	701	684	679
30	647	651	663	683	709	739	765	782	790	788	773	751	725	695	669	652	647
31	615	619	631	650	676	707	734	751	759	756	742	721	694	663	637	620	615
32	583	588	599	618	644	675	703	721	728	725	711	690	662	631	605	589	583
33	552	556	568	587	612	642	670	689	696	692	679	658	630	600	574	559	552
34	522	525	537	556	580	610	639	657	664	660	647	626	598	569	544	529	522
35	492	495	507	526	550	579	607	626	632	628	615	595	567	537	514	499	492
36	463	466	478	497	519	548	575	594	600	596	584	564	536	507	485	470	463
37	434	437	450	469	490	517	544	563	568	564	553	532	506	478	457	443	434
38	407	410	423	441	462	488	514	532	538	533	522	502	476	450	430	416	407
39	381	385	397	415	435	459	484	502	507	503	492	472	447	423	404	390	381
40	357	360	372	390	409	432	455	472	478	474	463	443	419	396	379	365	357
41	334	337	349	366	384	405	427	444	450	446	434	415	392	371	355	342	334
42	312	315	327	343	361	380	400	415	422	419	407	388	367	348	333	320	312
43	292	296	306	321	338	355	374	389	396	393	381	362	343	325	311	299	292
44	273	277	287	301	317	333	350	363	370	368	356	338	320	304	292	280	273
45	256	260	269	282	297	312	327	339	346	344	333	315	299	285	273	263	256
46	241	245	254	265	278	292	306	317	323	322	311	295	280	267	256	247	241
47	228	231	239	249	261	274	286	296	301	300	290	275	262	251	241	232	228
48	215	218	225	235	246	257	268	277	281	281	272	258	246	236	227	219	215
49	204	207	214	222	231	242	251	259	263	262	254	242	232	222	214	208	204
50	194	196	202	210	218	228	236	243	246	246	239	228	219	210	203	197	194
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52	176	178	183	189	197	204	211	216	218	217	212	204	196	189	183	178	176
53	169	171	175	180	188	195	200	204	206	205	201	195	186	180	175	171	169
54	162	164	168	173	178	186	191	195	196	196	191	186	178	172	168	164	162
55	155	157	161	166	171	176	182	186	187	186	181	176	170	165	161	157	155
56	149	150	154	159	164	169	174	176	177	177	174	169	163	159	154	150	149
57	142	144	148	152	158	162	167	169	170	169	167	162	157	152	148	144	142
58	136	137	141	146	151	156	160	162	163	162	160	155	150	146	141	137	136
59	130	131	135	140	145	149	153	155	156	155	153	149	144	139	135	131	130

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60	124	126	129	134	138	143	147	148	149	148	146	143	137	133	129	125	124
61	118	120	123	128	132	137	140	142	142	142	140	136	131	128	123	120	118
62	113	114	118	122	127	131	134	136	136	135	134	130	126	122	117	114	113
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64	102	103	107	111	115	119	122	123	123	123	122	119	114	111	106	103	102
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66	91	93	96	101	105	108	111	112	112	111	111	108	104	100	96	92	91
67	86	87	91	95	99	103	106	106	106	106	105	103	99	95	91	87	86
68	81	82	86	90	94	98	100	101	101	101	100	98	94	90	86	82	81
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70	71	73	76	80	84	88	90	90	90	90	90	88	84	80	76	73	71
71	66	68	72	76	79	83	85	85	84	84	85	83	79	76	71	68	66
72	61	63	67	71	75	78	80	79	78	79	80	78	75	71	67	63	61
73	57	58	62	67	70	73	75	74	73	73	75	73	70	66	62	58	57
74	52	53	57	62	65	68	70	69	67	68	70	68	65	62	57	53	52
75	47	48	52	57	61	64	65	63	62	62	65	64	61	57	52	48	47
76	41	43	48	53	56	59	60	58	56	57	59	59	56	53	48	43	41
77	36	38	43	48	51	55	55	52	51	51	54	55	52	48	43	38	36
78	30	33	38	43	47	50	50	47	45	46	49	50	47	44	39	33	30
79	25	27	34	39	42	45	45	41	39	40	44	46	43	39	34	27	25
80	19	22	29	34	38	41	40	36	33	35	39	41	39	35	29	22	19
81	14	17	24	30	34	36	35	30	26	28	33	37	34	30	24	17	14
82	9	12	19	25	29	32	30	23	19	21	28	32	30	26	19	12	9
83	5	8	14	21	25	27	24	17	12	14	21	27	26	22	14	8	5
84	2	5	9	17	21	23	18	10	6	8	14	22	22	17	9	4	2
85	1	1	5	13	17	18	12	4	2	3	8	17	18	13	5	1	1
86	0	1	1	8	13	14	6	1	1	1	2	12	14	9	1	1	0
87	0	0	1	5	8	9	1	1	0	0	1	5	9	4	0	0	0
88	0	0	0	1	2	2	0	0	0	0	0	1	5	0	0	0	0
89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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3. Test Equipment

Equipment ID	Equipment Name	Last Calibration Date	Next Calibration Date
ST-R-336	2 meter Integrating Sphere	2015-07-01	2016-06-30
ST-R-331	Spectral analysis system HAAS-2000	2015-07-01	2016-06-30
D204	Standard Lamp	2015-07-01	2016-06-30
PF2010	Power Meter for Integrating Sphere	2015-07-01	2016-06-30
EE-09	Goniophotometer system	2015-07-01	2016-06-30
D908S	Standard Lamp	2015-07-01	2016-06-30
PF210	Power Meter for Goniophotometer	2015-07-01	2016-06-30
ST-R-181A	Temperature Tester	2015-07-01	2016-06-30
Uncertainty: Photometric Measurement (Sphere):1.74% Chromaticity Measurement(Sphere):14.3K Photometric Measurement(Goniophotometer):1.62%			

******* END OF DATASHEET PACKAGE *******