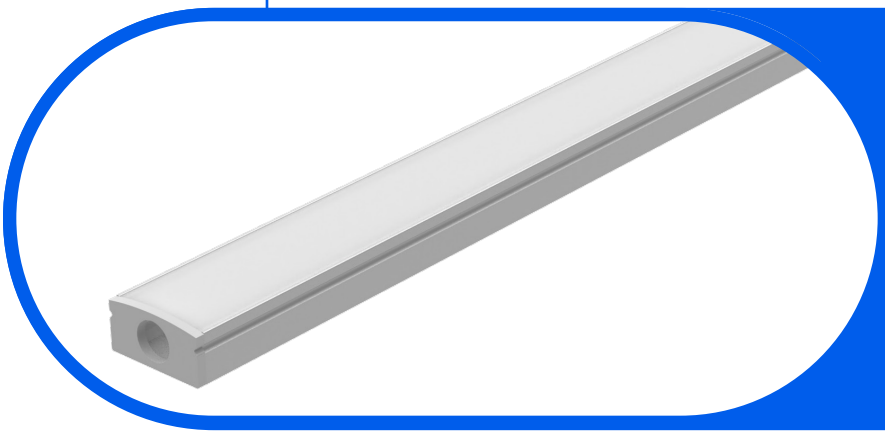
Complete Specification Sheet

Easy Spec 502 Static White

EASY SPEC



Easy Spec 502 Static White (Indoor)

Easy Spec™: components to easily specify a fixture

PROP 65 | Supports TITLE 24 JA8-2016 Compliance | RoHS COMPLIANT | CLASS 2 | 24V DC | Dry Rated | Field Cuttable

Specifications

Category	Easy Spec
Series	Easy 502
Family	Static White
Watts per Foot	0.7 - 14.4 W
IP Rating	IP20
CRI	90+, 95+
Diodes	U2835
Binning Tolerance	1 SDCM, 2 SDCM, 3 SDCM
CCT Options	1800K - 6500K
Input Voltage	24V DC
Width	0.67" (17.1mm)
Height	0.31" (8.0mm)
Max Run Length	7 - 46ft (2.1 - 14m)
Material	Aluminum
Beam Angle	115.2°, 103.8°, 94.6°, 72.1°, 22.5°
Lumens per Foot	44 - 1491 lm/ft
Storage Temp.	-4°F (-20°C) to 158°F (70°C)
Operating Temp.	-4°F (-20°C) to 140°F (60°C)
Dimming Options	Triac, ELV, 0-10V, DMX

Features

- Field Serviceable Light Source & Engine
- Dimmable to 0.1%
- Beam Angles As Narrow As 22.5°
- 5/10 Year Warranty for LED Strip / Drivers
- Optional Assembly Available For Any Fixtures Up to 2m (6.56ft)
- Diode Imaging Free with White Lens

Description

The Easy Spec series is designed for convenience and versatility, allowing you to quickly specify our standard Tape and Channel pairs with just one part number. Products arrive as individual components, providing your installation team the advantage of customizing lengths and configurations on-site for an optimal fit. Assembly services are available upon request.

Kelvix reserves the right to update the product specifications at any time. To maintain warranty, field modifications must follow approved Kelvix installation instruction.
Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type _____

Project Name _____

Location _____

Product Code Builder

Easy Spec 502 Static White

EASY SPEC

Product Code Builder

Example: EZ-502-I-U1-18K-100-C-P-A

SERIES	CHANNEL	ENVIRONMENT	ILLUMINATION	COLOR	LUMEN OUTPUT
EZ	502	I			
Easy Spec	CH-502	Indoor			

ILLUMINATION	
U1	1-Step Uniform Static White
U2	2-Step Uniform Static White
U3	3-Step Uniform Static White

COLOR	
18K	1800K
22K	2200K
24K	2400K
27K	2700K
30K	3000K
35K	3500K
40K	4000K
50K	5000K
65K	6500K

LUMEN OUTPUT	
100	100 lm/ft
200	200 lm/ft
300	300 lm/ft
400	400 lm/ft
500	500 lm/ft
750	750 lm/ft
1000	1000 lm/ft
1250	1250 lm/ft
1500	1500 lm/ft[1]

[1]Not available for 1-Step product

LENS	
C	Clear
F	Frosted
W	White
CG	Clear Graze
FG	Frosted Graze

MOUNTING	
M	Metal Clip
PV	Pivot Clip

FINISH	
A	Anodized Aluminum
W	White Finish (WH-08)
B	Black Finish (BK-08)
C	Custom RAL #

LENS

Clear



C

White



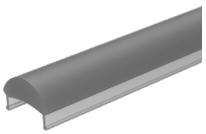
W

Frosted



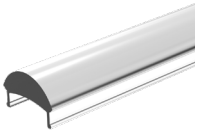
F

Frosted Graze



FG

Clear Graze



CG

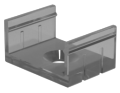
MOUNTING

Metal Clip



M

Plastic Clip



P

Adjustable Pivot Clip



PV

FINISH

Anodized Aluminum

White Finish (WH-08)

Black Finish (BK-08)

Custom RAL #

Kelvix reserves the right to update the product specifications at any time. To maintain warranty, field modifications must follow approved Kelvix installation instruction.
Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type _____

Project Name _____

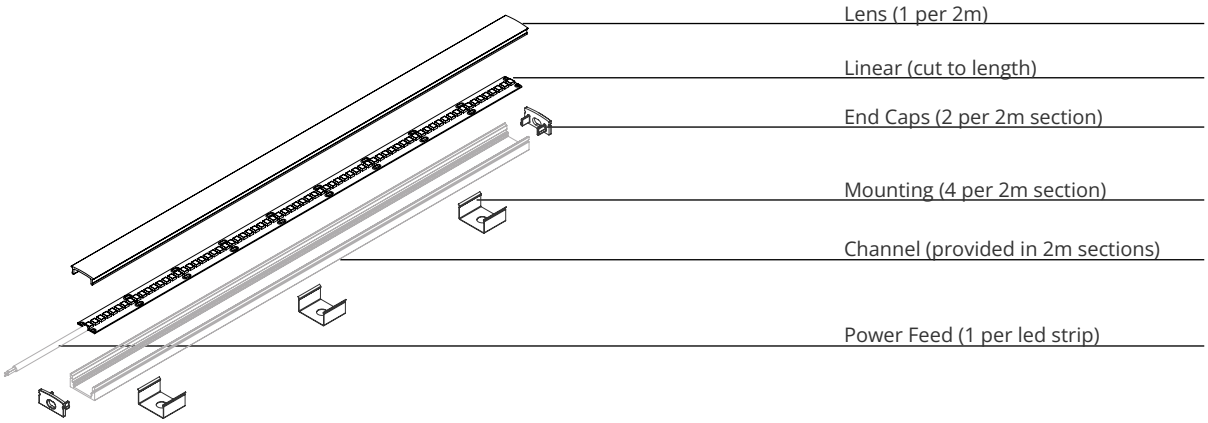
Location _____

Assembly Details

Easy Spec 502

EASY SPEC

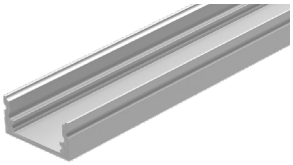
Components



Channel

TYPE

502

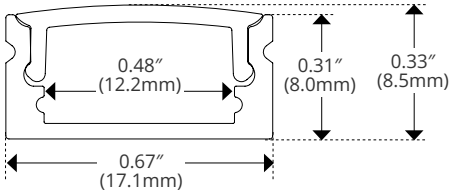


DESCRIPTION

CH-502-A-2M

Width	0.68″ (17.1mm)
Internal Width	0.50″ (12.2mm)
Height	0.31″ (8.0mm)

DIMENSIONS

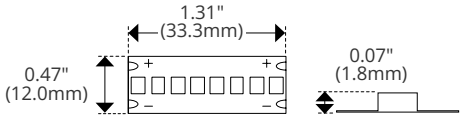


Linear

Uniform Static White (Indoor)



Diode	2835
Width	0.47″ (12.0mm)
Cut Intervals	1.31″ (33.3mm)
Height	0.07″ (1.8mm)



Kelvix reserves the right to update the product specifications at any time. To maintain warranty, field modifications must follow approved Kelvix installation instruction.
Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type _____

Project Name _____

Location _____

Lens Details

Easy Spec 502

EASY SPEC

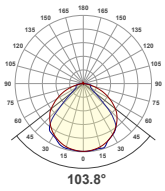
TYPE	DESCRIPTION	BEAM ANGLE	DIMENSIONS

Clear

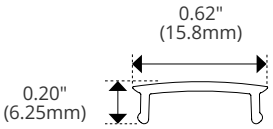


CH-LNS-A-CL-2M

Material	Polycarbonate
Transmission	99%
Width	0.62” (15.8mm)
Height	0.20” (6.2mm)
Height with Lens	0.34” (8.7mm)



Beam Angle	103.8°

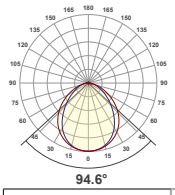


Frosted

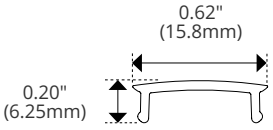


CH-LNS-A-FR-2M

Material	Polycarbonate
Transmission	99%
Width	0.62” (15.8mm)
Height	0.20” (6.2mm)
Height with Lens	0.34” (8.7mm)



Beam Angle	94.6°

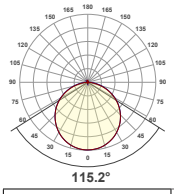


White

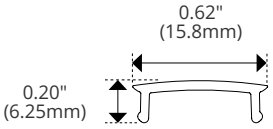


CH-LNS-A-WH-2M

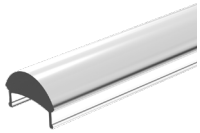
Material	Polycarbonate
Transmission	53%
Width	0.62” (15.8mm)
Height	0.20” (6.2mm)
Height with Lens	0.34” (8.7mm)



Beam Angle	115.2°

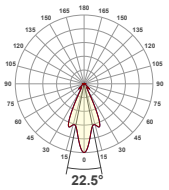


Clear Graze

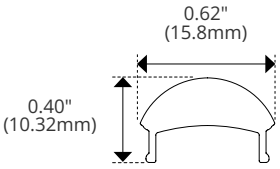


CH-LNS-G-CL-2M

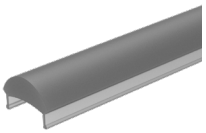
Material	Polycarbonate
Transmission	53%
Width	0.62” (15.8mm)
Height	0.40” (10.3mm)
Height with Lens	0.52” (13.3mm)



Beam Angle	22.5°

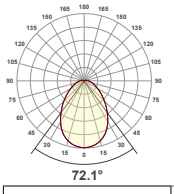


Frosted Graze

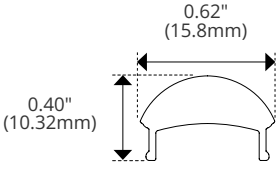


CH-LNS-G-FR-2M

Material	Polycarbonate
Transmission	53%
Width	0.62” (15.8mm)
Height	0.40” (10.3mm)
Height with Lens	0.52” (13.3mm)



Beam Angle	72.1°



Kelvix reserves the right to update the product specifications at any time. To maintain warranty, field modifications must follow approved Kelvix installation instruction.
Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type _____

Project Name _____

Location _____

Mounting Details

Easy Spec 502

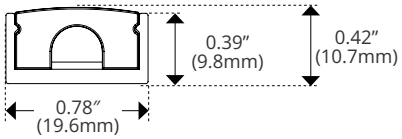
TYPE	DESCRIPTION	DIMENSIONS

Plastic Clip



CH-502-PAK-CP

Length	0.59″ (15.0mm)
Width	0.78″ (19.6mm)
Height	0.39″ (9.8mm)
Height with Clip	0.42″ (10.7mm)

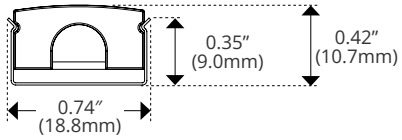


Metal Clip



CH-502-PAK

Length	0.59″ (15.0mm)
Width	0.74″ (18.8mm)
Height	0.35″ (9.0mm)
Height with Clip	0.42″ (10.7mm)

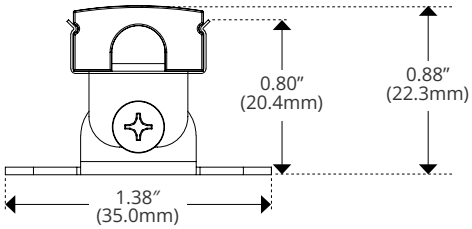


Pivot Clip



CH-502-PAK-PV

Length	0.88″ (22.5mm)
Width	1.38″ (35.0mm)
Height	0.80″ (20.4mm)
Height with Clip	0.88″ (22.3mm)



Kelvix reserves the right to update the product specifications at any time. To maintain warranty, field modifications must follow approved Kelvix installation instruction.
Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type _____

Project Name _____

Location _____

Lumen and Power Details

Easy Spec 502 Static White

DELIVERED LUMENS (1 AND 2-STEP)

CCT	Lens	100 (lm/ft)	200 (lm/ft)	300 (lm/ft)	400 (lm/ft)	500 (lm/ft)	750 (lm/ft)	1000 (lm/ft)	1250 (lm/ft)	1500 (lm/ft)
1800K	White	41	92	144	189	217	325	412	530	624
2200K		49	112	174	229	262	383	486	624	735
2400K		51	116	180	237	272	405	514	660	778
2700K		53	120	186	245	281	427	542	697	821
3000K		57	130	202	267	305	445	565	726	855
3500K		68	155	241	317	363	485	616	791	932
4000K		61	138	215	283	324	480	610	784	923
5000K		61	139	217	285	327	489	621	798	940
6500K		62	140	219	288	330	494	627	806	949
1800K	Frosted	76	172	268	354	405	607	770	990	1166
2200K		92	209	325	429	490	715	907	1166	1373
2400K		95	216	337	444	507	756	960	1234	1453
2700K		98	223	348	458	525	798	1013	1302	1533
3000K		107	243	378	498	570	831	1055	1356	1597
3500K		127	289	450	593	678	906	1150	1478	1741
4000K		113	258	401	528	604	897	1140	1464	1725
5000K		114	260	405	533	610	914	1161	1491	1757
6500K		115	262	408	538	616	922	1171	1505	1773
1800K	Clear	76	172	268	354	405	607	770	990	1166
2200K		92	209	325	429	490	715	907	1166	1373
2400K		95	216	337	444	507	756	960	1234	1453
2700K		98	223	348	458	525	798	1013	1302	1533
3000K		107	243	378	498	570	831	1055	1356	1597
3500K		127	289	450	593	678	906	1150	1478	1741
4000K		113	258	401	528	604	897	1140	1464	1725
5000K		114	260	405	533	610	914	1161	1491	1757
6500K		115	262	408	538	616	922	1171	1505	1773
1800K	Clear Graze	68	128	212	287	361	480	618	779	867
2200K		81	153	254	343	431	574	739	931	1036
2400K		84	158	263	355	446	594	765	963	1072
2700K		87	166	274	371	466	620	799	1006	1120
3000K		94	178	295	399	501	667	859	1082	1205
3500K		112	212	351	475	596	794	1022	1288	1433
4000K		99	187	310	419	526	700	902	1136	1265
5000K		100	189	313	423	531	707	911	1147	1277
6500K		101	190	316	427	536	714	919	1158	1289

Kelvix reserves the right to update the product specifications at any time. To maintain warranty, field modifications must follow approved Kelvix installation instruction.
Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type _____

Project Name _____

Location _____

Lumen and Power Details

Easy Spec 502 Static White

EASY SPEC

DELIVERED LUMENS (1 AND 2-STEP)

CCT	Lens	100 (lm/ft)	200 (lm/ft)	300 (lm/ft)	400 (lm/ft)	500 (lm/ft)	750 (lm/ft)	1000 (lm/ft)	1250 (lm/ft)	1500 (lm/ft)
1800K	Frosted Graze	58	112	186	253	313	420	497	674	753
2200K		70	134	223	303	374	502	593	805	899
2400K		72	139	231	313	387	520	614	833	930
2700K		75	145	241	327	405	543	642	870	972
3000K		81	156	259	352	435	584	690	936	1046
3500K		96	186	308	419	518	695	821	1113	1244
4000K		85	164	272	370	457	613	725	982	1098
5000K		86	165	275	373	461	619	731	992	1108
6500K		87	167	277	377	465	625	738	1001	1119

LUMEN DATA (1 AND 2-STEP)

	Lens	Output (lm/ft)								
		100	200	300	400	500	750	1000	1250	1500
Efficacy (lm/W)	White	72	76	83	74	77	70	66	62	60
	Frosted	135	142	154	138	144	131	124	117	111
	Clear	135	142	154	138	144	131	124	117	111
	Clear Graze	118	105	118	102	125	104	101	93	83
	Frosted Graze	101	92	104	98	109	91	82	81	73
Wattage (W/ft)	All	0.8	1.7	2.5	3.6	4.0	6.4	8.5	11.6	14.4
Max Run Length (ft)	All	46	36	29	24	20	16	12	9	7

TM30 DATA (1 AND 2-STEP)

1250 lm/ft		CRI	Rf	Rg	R9
1 and 2-Step	1800K	95.7	93.5	100.2	73
	2200K	95	94.1	104.2	91
	2400K	95.7	94.3	104.4	91
	2700K	95.9	95.1	103.9	98
	3000K	97.2	95.3	102.7	98
	3500K	96.7	94.9	103.5	98
	4000K	97.3	94.9	102.5	97
	5000K	96.4	95.1	103.8	97
	6500K	96.9	94.2	102.5	97

Kelvix reserves the right to update the product specifications at any time. To maintain warranty, field modifications must follow approved Kelvix installation instruction.
Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type _____

Project Name _____

Location _____

Lumen and Power Details

Easy Spec 502 Static White

EASY SPEC

DELIVERED LUMENS (3-STEP)

CCT	Lens	100 (lm/ft)	200 (lm/ft)	300 (lm/ft)	400 (lm/ft)	500 (lm/ft)	750 (lm/ft)	1000 (lm/ft)	1250 (lm/ft)	1500 (lm/ft)
1800K	White	44	86	130	172	207	337	448	551	668
2200K		48	94	142	187	225	355	474	582	705
2400K		49	96	146	193	233	363	484	595	721
2700K		51	100	152	201	242	373	498	612	741
3000K		53	103	156	207	249	382	509	625	758
3500K		55	107	161	213	257	392	523	642	778
4000K		56	109	164	217	261	398	531	652	791
5000K		56	110	166	219	264	403	537	660	800
6500K		58	114	172	228	275	402	536	659	798
1800K	Frosted	82	160	243	321	387	629	838	1030	1248
2200K		90	175	264	349	421	663	885	1087	1318
2400K		92	180	273	361	435	678	905	1112	1347
2700K		96	187	284	375	452	697	930	1142	1385
3000K		99	193	292	386	465	713	950	1168	1416
3500K		102	199	301	398	480	732	976	1199	1453
4000K		104	203	306	405	488	743	991	1219	1477
5000K		105	205	310	410	494	752	1003	1233	1494
6500K		109	213	322	426	514	750	1001	1231	1491
1800K	Clear	82	160	243	321	387	629	838	1030	1248
2200K		90	175	264	349	421	663	885	1087	1318
2400K		92	180	273	361	435	678	905	1112	1347
2700K		96	187	284	375	452	697	930	1142	1385
3000K		99	193	292	386	465	713	950	1168	1416
3500K		102	199	301	398	480	732	976	1199	1453
4000K		104	203	306	405	488	743	991	1219	1477
5000K		105	205	310	410	494	752	1003	1233	1494
6500K		109	213	322	426	514	750	1001	1231	1491
1800K	Clear Graze	63	118	197	266	335	446	602	724	805
2200K		75	141	236	318	401	533	719	865	961
2400K		78	146	244	329	415	551	744	895	995
2700K		82	153	255	344	433	576	777	935	1040
3000K		88	164	274	370	466	619	825	1006	1118
3500K		104	196	326	440	554	737	995	1197	1330
4000K		92	173	288	388	489	650	878	1056	1174
5000K		93	174	290	392	494	656	886	1066	1185
6500K		94	176	293	396	498	663	894	1076	1196

Kelvix reserves the right to update the product specifications at any time. To maintain warranty, field modifications must follow approved Kelvix installation instruction.
Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type _____

Project Name _____

Location _____

Lumen and Power Details

Easy Spec 502 Static White

EASY SPEC

DELIVERED LUMENS (3-STEP)

CCT	Lens	100 (lm/ft)	200 (lm/ft)	300 (lm/ft)	400 (lm/ft)	500 (lm/ft)	750 (lm/ft)	1000 (lm/ft)	1250 (lm/ft)	1500 (lm/ft)
1800K	Frosted Graze	53	102	171	232	287	384	522	616	689
2200K		63	122	204	277	342	459	624	736	823
2400K		65	127	211	287	354	475	645	761	852
2700K		68	132	220	300	370	496	674	796	890
3000K		73	142	237	322	398	533	713	856	957
3500K		87	169	282	384	474	635	863	1018	1139
4000K		77	149	249	338	418	560	761	898	1005
5000K		78	151	251	342	422	565	769	907	1015
6500K		79	152	254	345	426	571	776	915	1025

LUMEN DATA (3-STEP)

	Lens	Output (lm/ft)								
		100	200	300	400	500	750	1000	1250	1500
Efficacy (lm/W)	White	76	80	78	80	73	87	91	87	88
	Frosted	141	149	146	149	137	162	170	162	165
	Clear	141	149	146	149	137	162	170	162	165
	Clear Graze	126	126	137	142	137	141	147	140	130
	Frosted Graze	104	109	119	124	117	121	127	119	111
Wattage (W/ft)	All	0.7	1.3	2.0	2.6	3.4	4.4	5.6	7.2	8.6
Max Run Length (ft)	All	46	30	25	22	19	17	14	11	11

TM30 DATA (3-STEP)

1250 lm/ft		CRI	Rf	Rg	R9
3-Step	1800K	93.2	91.9	99.2	64
	2200K	93.6	91.2	105.2	79
	2400K	94.1	89.7	106.1	72
	2700K	94.1	92.3	105.5	94
	3000K	94.6	92.5	103.8	86
	3500K	96.7	92	100.2	80
	4000K	97.5	92	100	91
	5000K	89.7	90	103.3	49
	6500K	89	87.4	101	46

Kelvix reserves the right to update the product specifications at any time. To maintain warranty, field modifications must follow approved Kelvix installation instruction.
Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type _____

Project Name _____

Location _____

Power Supply Details

Easy Spec

EASY SPEC

TYPE | **DESCRIPTION**

ULV-36



ULV36

Length	4.50” (114.3mm)
Width	2.31” (58.6mm)
Height	1.37” (34.7mm

Voltage	24V DC
Compatible Protocols	ELV, MLV, 0–10V, Resistive, PWM
Dim Capability	5%
Wattage	36W

ULV-96-M



ULV96-M

Length	10.75” (273.0mm)
Width	3.00” (75.8mm)
Height	1.57” (40.0mm)

Voltage	24V DC
Compatible Protocols	ELV, MLV, 0–10V, Triac
Dim Capability	0.1%
Wattage	96W

ULV-192



ULV192

Length	11.37” (288.7mm)
Width	3.37” (85.5mm)
Height	1.37” (34.7mm)

Voltage	24V DC
Compatible Protocols	ELV, MLV, 0–10V, Resistive, PWM
Dim Capability	1%
Wattage	2x 96W

ULV-96-SC-DIM



ULV96-SC-DIM

Length	14.96” (380.0mm)
Width	3.03” (77.0mm)
Height	2.24” (57.0mm)

Voltage	24V DC
Compatible Protocols	MLV, 0–10V
Dim Capability	0.1%
Wattage	96W

Kelvix reserves the right to update the product specifications at any time. To maintain warranty, field modifications must follow approved Kelvix installation instruction.
Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type _____

Project Name _____

Location _____