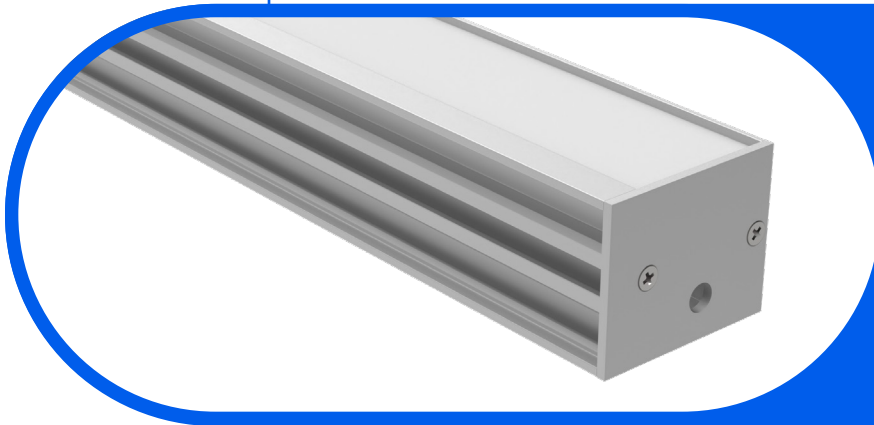




# Complete Specification Sheet

## Easy Spec 219 Static White



### Easy Spec 219 Static White

Easy Spec™: components to easily specify a fixture



### Specifications

<b>Category</b>	Easy Spec
<b>Series</b>	Easy 218
<b>Family</b>	Static White
<b>Watts per Foot</b>	0.7 - 14.4 W
<b>IP Rating</b>	IP67
<b>CRI</b>	90+, 95+
<b>Diodes</b>	U2835
<b>Binning Tolerance</b>	1 SDCM, 2 SDCM, 3 SDCM
<b>CCT Options</b>	1800K - 6500K
<b>Input Voltage</b>	24V DC
<b>Width</b>	0.67" (17.1mm)
<b>Height</b>	0.31" (8.0mm)
<b>Max Run Length</b>	7 - 46ft (2.1 - 14m)
<b>Material</b>	Aluminum
<b>Beam Angle</b>	112.4°, 83.2°, 65.8°, 61.1°
<b>Lumens per Foot</b>	44 - 1491 lm/ft
<b>Storage Temp.</b>	-4°F (-20°C) to 158°F (70°C)
<b>Operating Temp.</b>	-4°F (-20°C) to 140°F (60°C)
<b>Dimming Options</b>	Triac, ELV, 0-10V, DMX

### Features

- Field Serviceable Light Source & Engine
- Dimmable to 0.1%
- Beam Angles As Narrow As 61.1°
- 5/10 Year Warranty for LED Strip / Drivers
- Optional Assembly Available For Any Fixtures Up to 2m (6.56ft)
- Diode Imaging Free

### 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 \_\_\_\_\_

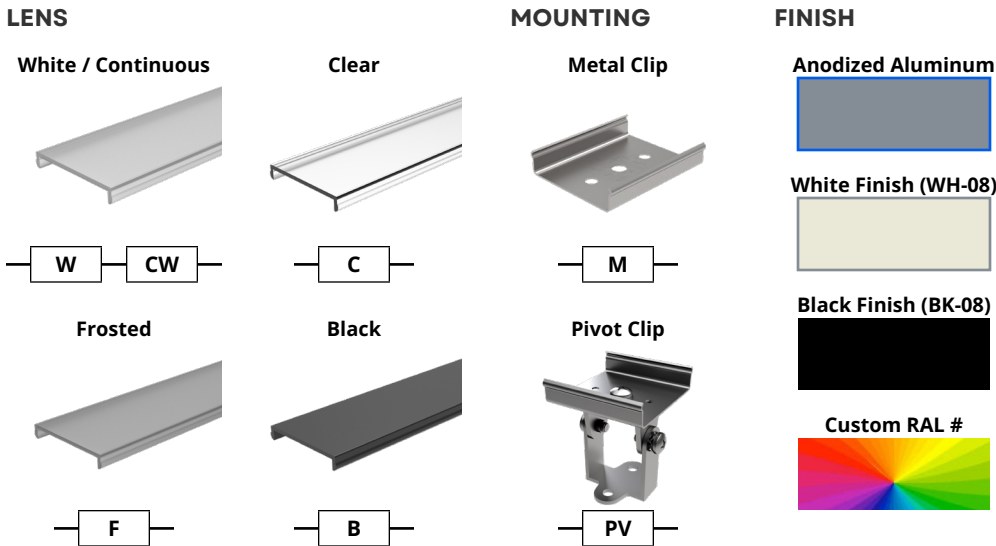
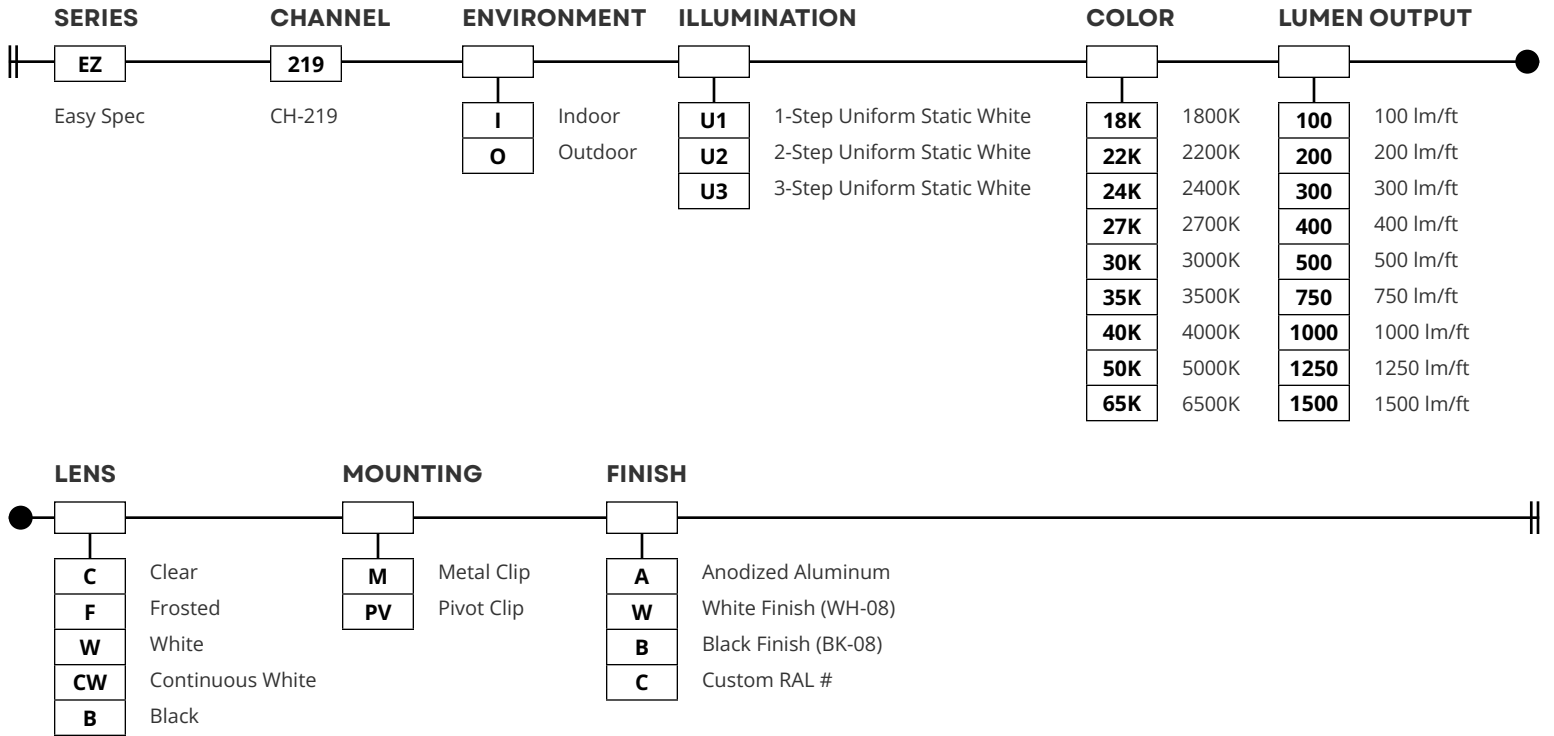


# Product Code Builder

## Easy Spec 219 Static White

### Product Code Builder

Example: EZ-219-I-U1-18K-100-C-P-A



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 Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type \_\_\_\_\_

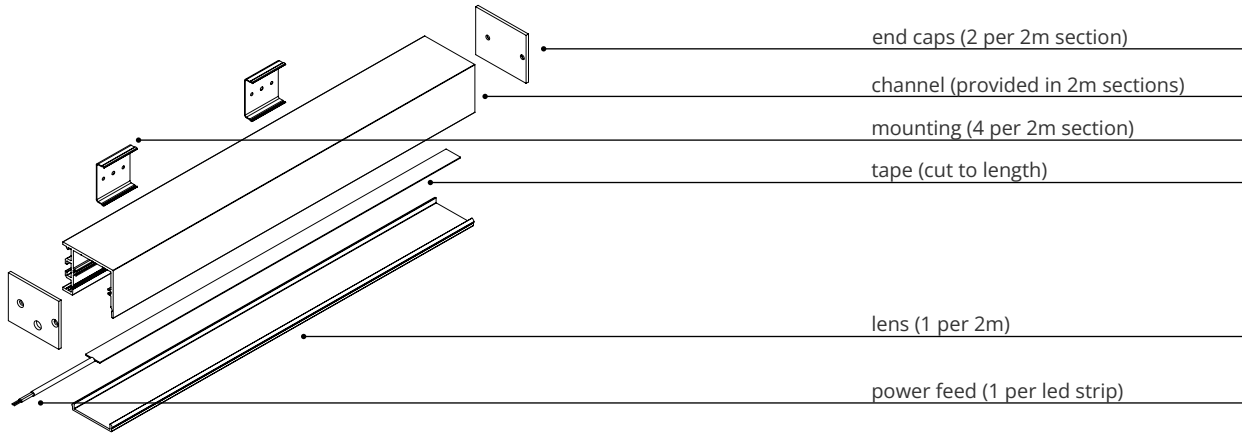
Project Name \_\_\_\_\_

Location \_\_\_\_\_



# Assembly Details

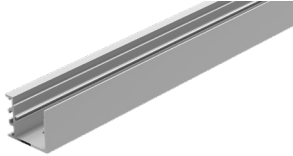
## Easy Spec 219



### Channel

**TYPE**

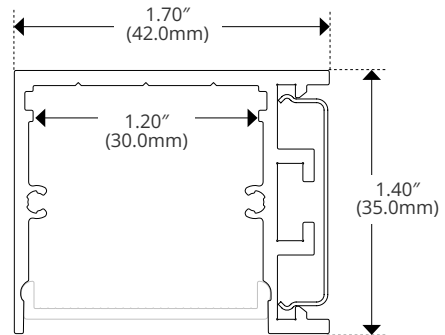
219



**DESCRIPTION**

CH-219-N-2M	
<b>Width</b>	1.38" (35.1mm)
<b>Internal Width</b>	1.25" (31.0mm)
<b>Height</b>	1.50" (37.5mm)

**DIMENSIONS**

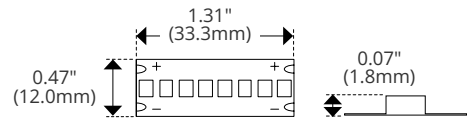


### Linear

**Uniform Static White (Indoor)**



<b>Diode</b>	2835
<b>Width</b>	0.47" (12.0mm)
<b>Cut Intervals</b>	1.31" (33.3mm)
<b>Height</b>	0.07" (1.8mm)



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 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 219

**TYPE**

**DESCRIPTION**

**BEAM ANGLE**

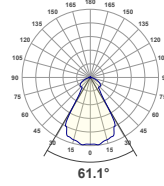
**DIMENSIONS**

Clear

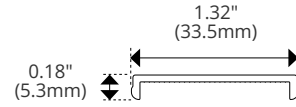


CH-LNS-N-CL-2M

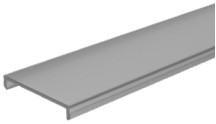
<b>Material</b>	PMMA
<b>Transmission</b>	92%
<b>Width</b>	1.32" (33.5mm)
<b>Height</b>	0.18" (5.3mm)
<b>Height with Lens</b>	1.50" (37.5mm)



<b>Beam Angle</b>	61.1°
-------------------	-------

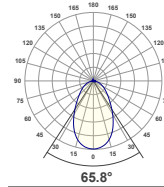


Frosted

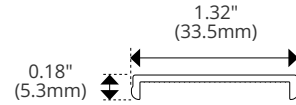


CH-LNS-N-FR-2M

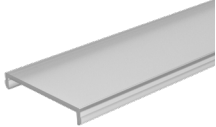
<b>Material</b>	PMMA
<b>Transmission</b>	88%
<b>Width</b>	1.32" (33.5mm)
<b>Height</b>	0.18" (5.3mm)
<b>Height with Lens</b>	1.50" (37.5mm)



<b>Beam Angle</b>	65.8°
-------------------	-------

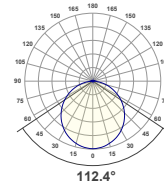


White

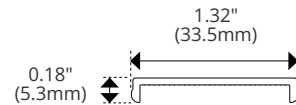


CH-LNS-N-WH-2M

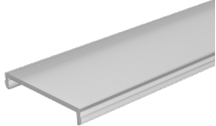
<b>Material</b>	PMMA
<b>Transmission</b>	55%
<b>Width</b>	1.32" (33.5mm)
<b>Height</b>	0.18" (5.3mm)
<b>Height with Lens</b>	1.50" (37.5mm)



<b>Beam Angle</b>	112.4°
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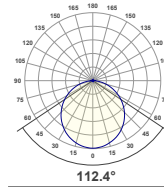


White Continuous

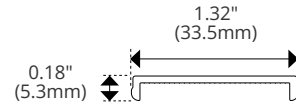


CH-LNS-N-WH-25M

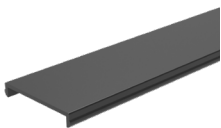
<b>Material</b>	PMMA
<b>Transmission</b>	55%
<b>Width</b>	1.32" (33.5mm)
<b>Height</b>	0.18" (5.3mm)
<b>Height with Lens</b>	1.50" (37.5mm)



<b>Beam Angle</b>	112.4°
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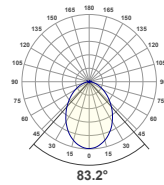


Black

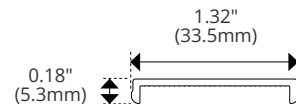


CH-LNS-N-BK-2M

<b>Material</b>	PMMA
<b>Transmission</b>	18%
<b>Width</b>	1.32" (33.5mm)
<b>Height</b>	0.18" (5.3mm)
<b>Height with Lens</b>	1.50" (37.5mm)



<b>Beam Angle</b>	83.2°
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 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 219

### TYPE

#### Metal Clip

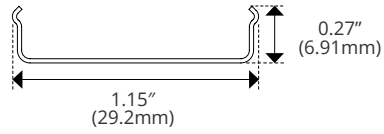


### DESCRIPTION

CH-219-PAK

<b>Width</b>	1.15" (29.2mm)
<b>Height</b>	0.27" (6.91mm)
<b>Height with Clip</b>	1.50" (37.5mm)

### DIMENSIONS

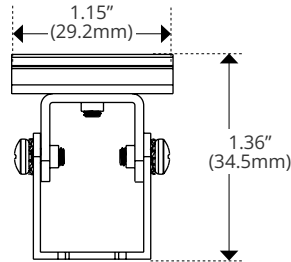


#### Pivot Clip



CH-218-R1-PAK-PV

<b>Width</b>	1.15" (29.2mm)
<b>Height</b>	1.36" (34.7mm)
<b>Height with Clip</b>	2.57" (65.5mm)





# Lumen and Power Details

## Easy Spec 219 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	31	60	100	135	155	227	293	391	438
2200K		37	73	120	163	187	267	345	461	516
2400K		39	76	125	169	194	283	365	488	545
2700K		40	78	129	174	201	299	386	515	576
3000K		44	85	140	190	218	311	402	536	600
3500K		52	101	167	226	259	339	438	584	653
4000K		47	90	149	201	231	336	434	579	647
5000K		47	91	150	203	233	342	441	589	659
6500K		48	92	151	205	236	345	446	595	665
1800K		Frosted	49	93	154	210	251	354	450	607
2200K	59		113	187	255	304	417	531	716	789
2400K	61		116	194	264	314	441	561	757	835
2700K	63		120	201	272	325	466	592	799	881
3000K	69		131	218	296	353	485	617	832	918
3500K	81		156	259	352	420	529	673	907	1000
4000K	72		139	231	314	374	523	667	899	991
5000K	73		140	233	317	378	534	679	915	1009
6500K	74		141	235	319	381	538	685	923	1018
1800K	Clear		51	98	162	219	251	369	470	697
2200K		61	119	197	266	304	434	554	821	832
2400K		63	123	204	275	315	459	586	869	880
2700K		66	127	211	284	326	485	618	917	929
3000K		72	138	229	309	354	505	644	955	968
3500K		85	164	273	368	421	550	702	1041	1055
4000K		76	146	243	328	375	545	696	1031	1045
5000K		77	148	245	331	379	556	708	1050	1064
6500K		77	149	247	333	382	560	715	1060	1074
1800K		Black	10	19	32	43	50	74	92	124
2200K	12		23	39	53	61	88	109	146	162
2400K	12		24	40	54	63	93	115	154	172
2700K	13		25	41	56	65	98	122	163	181
3000K	14		27	45	61	71	102	127	170	189
3500K	17		32	53	73	84	111	138	185	206
4000K	15		28	48	65	75	110	137	183	204
5000K	15		29	48	65	76	112	139	187	208
6500K	15		29	48	66	76	113	141	188	210

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 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 219 Static White

### LUMEN DATA

	Lens	Output (lm/ft)								
		100	200	300	400	500	750	1000	1250	1500
	Clear	83.1	85.7	84.4	84.4	83.3	79.0	78.3	85.3	77.4
	Frosted	79.8	81.7	80.1	80.7	82.8	75.8	75.0	73.3	73.1
	White	51.2	52.6	51.4	51.8	51.2	48.6	48.7	46.8	47.8
	Black	16.4	16.5	16.4	16.3	16.3	15.3	15.3	14.8	15.0
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

	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

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 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 219 Static White

### 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	31	63	105	120	163	230	293	384	447
2200K		37	77	126	146	198	271	345	452	527
2400K		39	79	131	151	205	286	365	479	558
2700K		40	82	135	156	212	302	385	505	588
3000K		44	89	147	170	230	315	401	526	613
3500K		52	106	175	202	274	343	437	573	668
4000K		47	94	156	180	244	340	433	568	662
5000K		47	95	158	182	246	346	441	578	674
6500K		48	96	159	183	249	349	445	584	680
1800K		Frosted	48	97	160	187	249	350	452	588
2200K	57		118	194	227	302	413	532	692	806
2400K	59		122	201	235	312	436	563	732	852
2700K	61		126	208	243	323	461	594	773	900
3000K	67		137	226	264	351	480	619	805	937
3500K	79		163	269	314	418	523	675	877	1021
4000K	70		145	240	280	372	518	669	869	1012
5000K	71		146	242	283	376	528	681	885	1031
6500K	72		148	244	285	379	532	687	893	1040
1800K	Clear		50	100	168	198	261	368	472	617
2200K		60	122	204	240	316	433	556	727	843
2400K		62	126	211	249	327	458	588	769	892
2700K		64	130	218	257	338	484	620	811	941
3000K		70	142	237	279	367	504	646	845	980
3500K		83	169	282	332	437	549	704	921	1068
4000K		74	151	251	296	389	544	698	913	1058
5000K		75	152	254	299	393	554	711	929	1078
6500K		75	153	256	301	396	559	717	938	1088
1800K		Clear Graze	9	20	33	39	52	73	94	124
2200K	11		24	40	47	63	86	111	146	172
2400K	11		25	42	49	65	91	117	154	182
2700K	12		25	43	51	67	96	124	163	192
3000K	13		28	47	55	73	100	129	170	200
3500K	15		33	56	65	87	109	141	185	218
4000K	14		29	50	58	77	108	139	183	216
5000K	14		30	50	59	78	110	142	187	219
6500K	14		30	51	59	79	111	143	188	221

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 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 219 Static White

### LUMEN DATA

	Lens	Output (lm/ft)								
		100	200	300	400	500	750	1000	1250	1500
	Clear	93.5	95.0	93.0	94.4	94.0	96.9	97.1	97.1	95.6
	Frosted	89.6	91.1	88.5	87.9	90.0	92.4	93.1	92.5	90.9
	White	58.1	59.1	57.7	56.6	59.0	60.5	59.8	60.5	59.2
	Black	18.0	18.5	18.3	18.2	18.3	18.8	18.6	18.5	18.3
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

	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

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 Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type \_\_\_\_\_

Project Name \_\_\_\_\_

Location \_\_\_\_\_



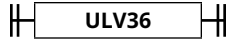
# Power Supply Details

## Easy Spec

**TYPE**

**DESCRIPTION**

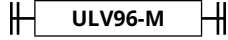
ULV-36



<b>Length</b>	4.50" (114.3mm)
<b>Width</b>	2.31" (58.6mm)
<b>Height</b>	1.37" (34.7mm)

<b>Voltage</b>	24V DC
<b>Compatible Protocols</b>	ELV, MLV, 0-10V, Resistive, PWM
<b>Dim Capability</b>	5%
<b>Wattage</b>	36W

ULV-96-M



<b>Length</b>	10.75" (273.0mm)
<b>Width</b>	3.00" (75.8mm)
<b>Height</b>	1.57" (40.0mm)

<b>Voltage</b>	24V DC
<b>Compatible Protocols</b>	ELV, MLV, 0-10V, Triac
<b>Dim Capability</b>	0.1%
<b>Wattage</b>	96W

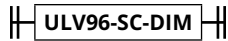
ULV-192



<b>Length</b>	11.37" (288.7mm)
<b>Width</b>	3.37" (85.5mm)
<b>Height</b>	1.37" (34.7mm)

<b>Voltage</b>	24V DC
<b>Compatible Protocols</b>	ELV, MLV, 0-10V, Resistive, PWM
<b>Dim Capability</b>	1%
<b>Wattage</b>	2x 96W

ULV-96-SC-DIM



<b>Length</b>	14.96" (380.0mm)
<b>Width</b>	3.03" (77.0mm)
<b>Height</b>	2.24" (57.0mm)

<b>Voltage</b>	24V DC
<b>Compatible Protocols</b>	MLV, 0-10V
<b>Dim Capability</b>	0.1%
<b>Wattage</b>	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 \_\_\_\_\_

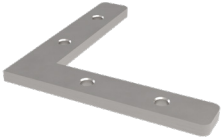


# Connector Details

## Easy Spec EZ-21X

### TYPE

#### 90° Horizontal

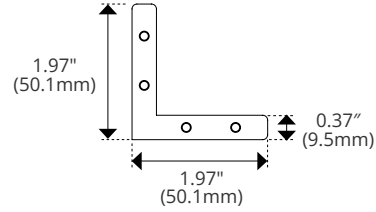


### DESCRIPTION

CH-CON-01-90V

<b>Length</b>	1.97" (50.1mm)
<b>Width</b>	0.37" (9.5mm)
<b>Height</b>	0.09" (2.5mm)

### DIMENSIONS

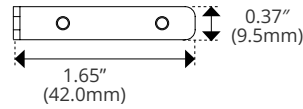


#### 90° Vertical



CH-CON-01-90V

<b>Length</b>	1.65" (42.0mm)
<b>Width</b>	0.37" (9.5mm)
<b>Height</b>	0.09" (2.5mm)

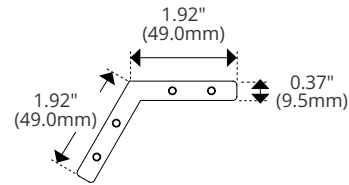


#### 110° Horizontal



CH-CON-01-110H

<b>Length</b>	1.92" (49.0mm)
<b>Width</b>	0.37" (9.5mm)
<b>Height</b>	0.09" (2.5mm)

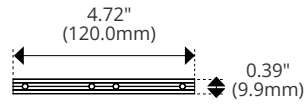


#### 180° Straight



CH-CON-21X-180

<b>Length</b>	4.72" (120.0mm)
<b>Width</b>	0.37" (9.5mm)
<b>Height</b>	0.09" (2.5mm)



Note: 2 Per 2M Section Provided

Fixture Type \_\_\_\_\_  
 Project Name \_\_\_\_\_  
 Location \_\_\_\_\_