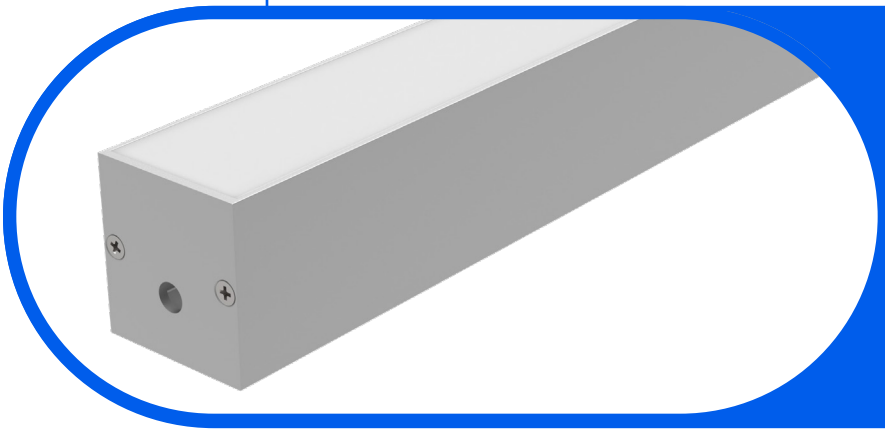
Complete Specification Sheet

Easy Spec 218 Static White

EASY SPEC



Easy Spec 218 Static White

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 218
Family	Static White
Watts per Foot	0.7 - 14.4 W
IP Rating	IP67
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	132.3°, 112.4°, 83.2°, 65.8°, 61.1°
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 61.1°
- 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 218 Static White

EASY SPEC

Product Code Builder

Example: EZ-218-I-U1-18K-100-C-P-A

SERIES

EZ	Easy Spec

CHANNEL

218	CH-218

ENVIRONMENT

I	Indoor
O	Outdoor

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

LENS

C	Clear
F	Frosted
W	White
CW	Continuous White
B	Black
DR	Drop Lens

MOUNTING

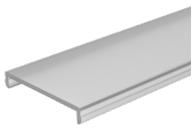
S	Suspension
M	Metal Clip
PV	Pivot Clip

FINISH

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

LENS

White / Continuous



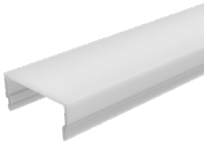
W — CW

Clear



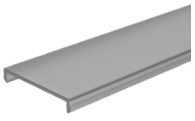
C

Drop



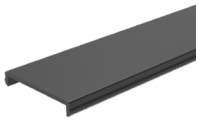
DR

Frosted



F

Black



B

MOUNTING

Suspension



S

Pivot



PV

Metal Clip



M

FINISH

Anodized Aluminum

White Finish (WH-08)

Black Finish (BK-08)

Custom RAL #

Fixture Type _____

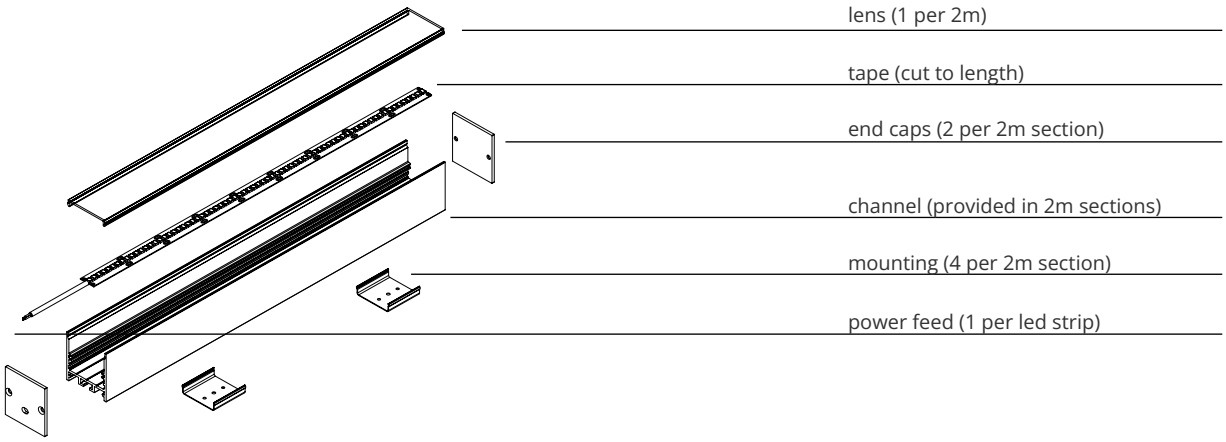
Project Name _____

Location _____

Assembly Details

Easy Spec 218

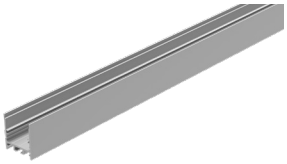
EASY SPEC



Channel

TYPE

218

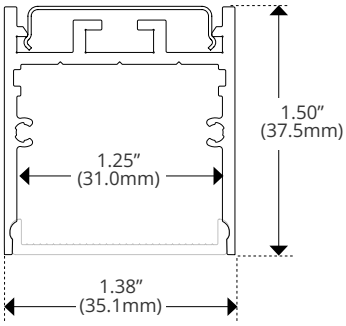


DESCRIPTION

CH-218-2M

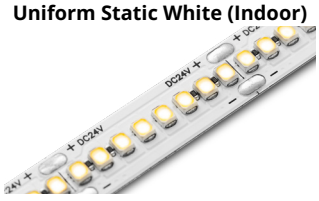
Width	1.38” (35.1mm)
Internal Width	1.25” (31.0mm)
Height	1.50” (37.5mm)

DIMENSIONS

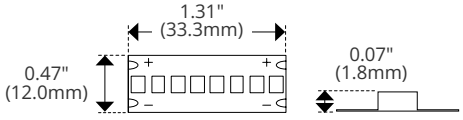


Linear

Uniform Static White (Indoor)



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



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

Fixture Type _____

Project Name _____

Location _____

Lens Details

Easy Spec 218

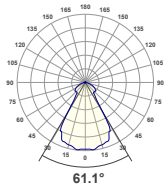
EASY SPEC

Clear

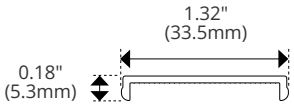


CH-LNS-N-CL-2M

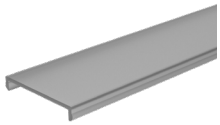
Material	PMMA
Transmission	92%
Width	1.32” (33.5mm)
Height	0.18” (5.3mm)
Height with Lens	1.50” (37.5mm)



Beam Angle	61.1°

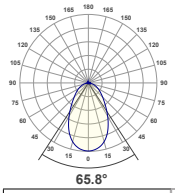


Frosted

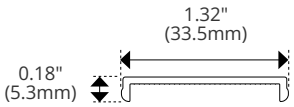


CH-LNS-N-FR-2M

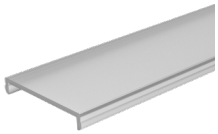
Material	PMMA
Transmission	88%
Width	1.32” (33.5mm)
Height	0.18” (5.3mm)
Height with Lens	1.50” (37.5mm)



Beam Angle	65.8°

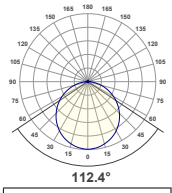


White/Continuous

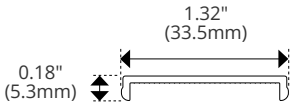


White	CH-LNS-N-WH-2M
Continuous	CH-LNS-N-WH-25M

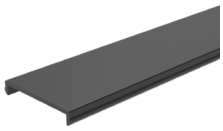
Material	PMMA
Transmission	55%
Width	1.32” (33.5mm)
Height	0.18” (5.3mm)
Height with Lens	1.50” (37.5mm)



Beam Angle	112.4°

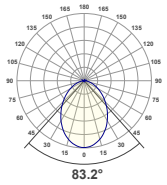


Black

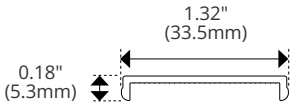


CH-LNS-N-BK-2M

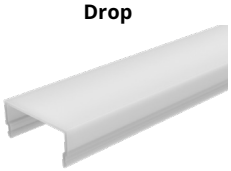
Material	PMMA
Transmission	18%
Width	1.32” (33.5mm)
Height	0.18” (5.3mm)
Height with Lens	1.50” (37.5mm)



Beam Angle	83.2°

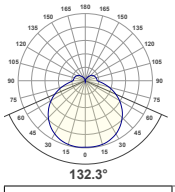


Drop

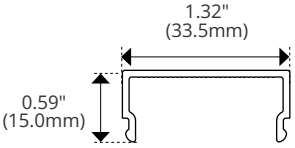


CH-LNS-218-DR-WH-2M

Material	PMMA
Transmission	18%
Width	1.32” (33.5mm)
Height	0.59” (15.0mm)
Height with Lens	1.88” (47.1mm)



Beam Angle	132.3°



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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 218

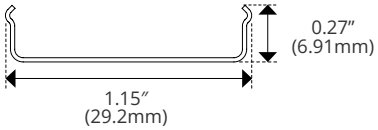
TYPE | **DESCRIPTION** | **DIMENSIONS**

Metal Clip



CH-218-R1-PAK

Width	1.15″ (29.2mm)
Height	0.27″ (6.91mm)
Height with Clip	1.50″ (37.5mm)

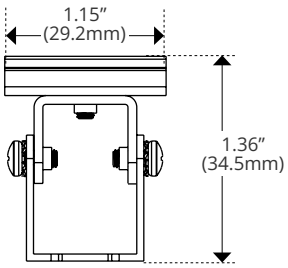


Pivot Clip



CH-218-R1-PAK-PV

Width	1.15″ (29.2mm)
Height	1.36″ (34.7mm)
Height with Clip	2.57″ (65.5mm)

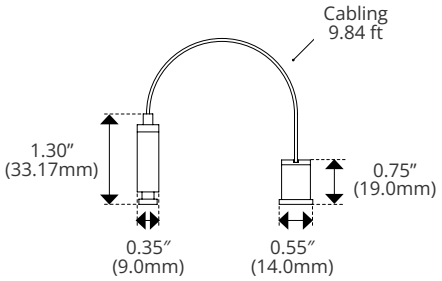


Suspension Clip



CH-S-228

Diameter (Mount)	0.35″ (9.0mm)
Diameter (Anchor)	0.55″ (14.0mm)
Length	9.84ft (3M)
Height (Mount)	1.30″ (33.17mm)
Height (Anchor)	0.75″ (19.0mm)
Height with Clip	2.61″ (66.3mm)



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Fixture Type _____

Project Name _____

Location _____

Lumen and Power Details

Easy Spec 218 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	White	33	61	102	138	159	234	293	385	415
2200K		39	74	124	168	193	275	345	454	488
2400K		41	76	128	173	200	291	365	480	517
2700K		42	79	132	179	206	307	385	507	545
3000K		46	86	144	195	224	320	401	528	568
3500K		55	102	172	232	267	349	437	576	619
4000K		49	91	153	207	238	345	433	570	613
5000K		49	92	155	208	240	352	441	580	625
6500K		50	93	156	210	242	355	445	586	630
1800K	Frosted	50	93	156	212	243	357	447	587	664
2200K		60	114	189	257	294	421	526	691	782
2400K		62	117	196	266	304	445	557	731	827
2700K		64	121	202	274	315	469	588	772	873
3000K		70	132	220	298	342	489	612	804	909
3500K		83	157	262	355	407	533	667	876	991
4000K		74	140	233	316	363	528	662	868	982
5000K		75	141	236	319	366	538	673	884	1000
6500K		75	142	237	322	369	542	679	892	1009
1800K	Clear	53	98	163	221	253	375	469	616	664
2200K		63	120	198	268	306	442	553	726	782
2400K		65	123	205	277	317	467	585	768	827
2700K		67	127	212	286	328	493	617	810	873
3000K		74	139	230	311	356	514	643	844	909
3500K		87	165	274	370	424	560	701	920	991
4000K		78	147	244	330	377	555	695	912	982
5000K		79	149	246	333	381	565	707	928	1000
6500K		79	150	248	336	384	570	714	937	1009
1800K	Drop	36	66	111	152	175	257	318	417	450
2200K		43	80	135	184	212	303	374	491	530
2400K		44	83	140	191	220	320	396	519	560
2700K		46	85	144	197	227	338	418	548	591
3000K		50	93	157	214	247	352	435	571	616
3500K		59	111	187	255	294	384	474	622	671
4000K		53	99	166	227	262	380	470	617	665
5000K		53	99	168	229	265	387	479	628	678
6500K		54	100	169	231	267	390	483	634	684

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

Fixture Type _____

Project Name _____

Location _____

Lumen and Power Details

Easy Spec 218 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	**Black**	10	19	32	43	50	74	91	119	128
2200K		12	23	39	53	61	88	107	140	151
2400K		12	24	40	54	63	93	113	148	159
2700K		13	25	41	56	65	98	119	156	168
3000K		14	27	45	61	71	102	124	163	175
3500K		17	32	54	73	84	111	135	178	191
4000K		15	29	48	65	75	110	134	176	189
5000K		15	29	48	65	76	112	136	179	192
6500K		15	29	49	66	77	113	138	181	194

LUMEN DATA

	Lens	Output (lm/ft)								
		100	**200**	**300**	**400**	**500**	**750**	**1000**	**1250**	**1500**
Efficacy (lm/W)	**Clear**	85	86	85	85	84	81	80	77	78
	Frosted	80	81	81	81	81	77	76	74	78
	White	52	54	53	53	53	50	50	48	49
	Drop	55	58	57	57	57	56	54	52	52
	Black	16	17	16	16	16	15	15	15	15
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 218 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	16	62	106	124	161	231	299	385	453
2200K		19	75	128	150	195	273	352	454	533
2400K		20	77	133	156	202	288	372	480	564
2700K		20	80	137	161	209	304	393	507	595
3000K		22	87	149	175	227	317	409	528	620
3500K		26	103	177	208	270	346	446	576	676
4000K		23	92	158	186	241	342	442	570	670
5000K		23	93	160	187	243	348	449	580	682
6500K		24	94	161	189	245	352	454	586	688
1800K	Frosted	47	94	161	190	246	355	454	584	691
2200K		56	114	196	231	298	418	535	688	814
2400K		58	118	203	239	309	442	566	728	861
2700K		60	122	210	247	320	467	597	768	908
3000K		66	133	228	268	347	486	622	800	946
3500K		78	158	271	319	413	530	678	872	1031
4000K		69	141	242	284	368	524	672	864	1022
5000K		70	142	244	287	372	535	684	880	1041
6500K		71	143	246	289	375	539	690	888	1050
1800K	Clear	49	98	169	199	258	371	476	615	725
2200K		59	120	204	241	313	437	561	724	854
2400K		61	123	212	249	324	462	593	766	903
2700K		63	127	219	258	335	488	626	808	953
3000K		69	139	238	280	364	508	652	842	993
3500K		81	165	283	333	433	554	711	918	1082
4000K		72	147	252	297	386	548	705	909	1072
5000K		73	149	255	300	390	559	717	926	1092
6500K		74	150	257	302	393	563	724	935	1102
1800K	Drop	33	66	115	137	176	250	318	439	518
2200K		39	81	140	166	213	295	374	518	611
2400K		40	83	145	172	221	312	396	548	646
2700K		42	86	150	178	228	329	418	578	682
3000K		46	94	163	193	248	343	435	602	710
3500K		54	112	194	230	295	374	474	656	774
4000K		48	100	173	205	263	370	470	650	767
5000K		49	100	175	207	266	377	479	662	781
6500K		49	101	176	208	268	380	483	668	788

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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 218 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	Black	9	19	33	38	50	72	96	125	147
2200K		11	23	40	46	61	84	114	147	174
2400K		11	24	42	48	63	89	120	156	184
2700K		12	25	43	50	65	94	127	164	194
3000K		13	27	47	54	71	98	132	171	202
3500K		15	32	56	64	84	107	144	186	220
4000K		14	29	50	57	75	106	143	185	218
5000K		14	29	50	58	76	108	145	188	222
6500K		14	29	51	58	77	109	147	190	224

LUMEN DATA

	Lens	Output (lm/ft)								
		100	200	300	400	500	750	1000	1250	1500
Efficacy (lm/W)	Clear	91	93	94	94	93	98	99	97	96
	Frosted	87	89	89	90	89	93	94	92	92
	White	57	58	58	59	58	61	62	60	60
	Drop	61	63	66	64	63	66	54	65	64
	Black	18	18	18	18	18	19	19	18	18
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

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

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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 _____

Connector Details

Easy Spec EZ-21X

EASY SPEC

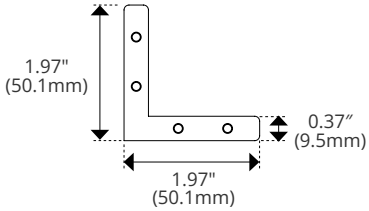
TYPE	DESCRIPTION	DIMENSIONS

90° Horizontal



CH-CON-01-90H

Length	1.97″ (50.1mm)
Width	0.37″ (9.5mm)
Height	0.09″ (2.5mm)

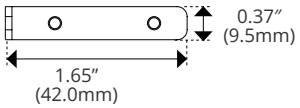


90° Vertical



CH-CON-01-90V

Length	1.65″ (42.0mm)
Width	0.37″ (9.5mm)
Height	0.09″ (2.5mm)

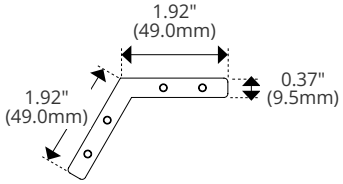


110° Horizontal



CH-CON-01-110H

Length	1.92″ (49.0mm)
Width	0.37″ (9.5mm)
Height	0.09″ (2.5mm)



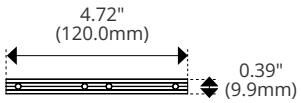
180° Straight



CH-CON-21X-180

Length	4.72″ (120.0mm)
Width	0.37″ (9.5mm)
Height	0.09″ (2.5mm)

Note: 2 Per 2M Section Provided



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

Fixture Type _____

Project Name _____

Location _____