

FIXTURE TYPE \_\_\_\_\_

PROJECT NAME \_\_\_\_\_

LOCATION \_\_\_\_\_



# Easy 219 Uniform Static White

EASY-SPEC™: COMPONENTS TO EASILY SPECIFY A FIXTURE



## | 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.

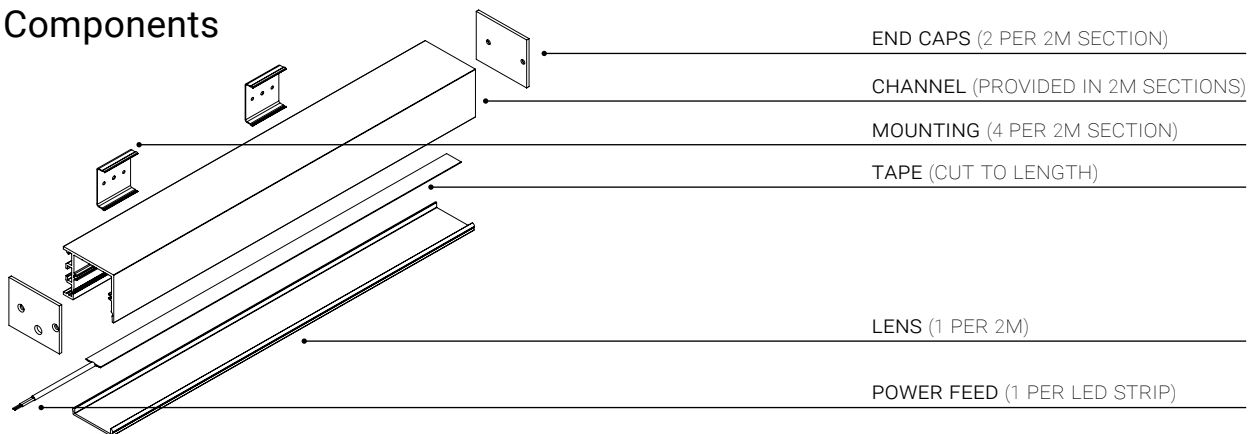
## | Features

- Field Serviceable Light Source & Engine
- Dimmable to 0.1%†
- 5/10 Year Warranty for LED Strip / Drivers
- Optional Assembly Available For Any Fixtures Up to 8ft\*
- Diode Imaging Free

## | Specifications

Series	Easy-Spec™
Tape/Fixture Type	Uniform Static White
Temp/Color*	1800K–6500K
Input Voltage	24V DC
Lumens per Foot*	9–1183
Watts per Foot*	0.7–14.4
Beam Spread	60.9°, 66.7°, 83.4°, 113°
CRI*	90+, 95+
Diodes*	U2835
Binning Tolerance*	3+ SDCM, 2 SDCM, 1 SDCM
Max Run Length	7–46ft
Width	1.70" (42.0mm)
Height§	1.40" (35.0mm)
Operating Temp	-4°F (-20°C) to 140°F (60°C)
Storage Temp	-4°F (-20°C) to 158°F (70°C)

## | Components



\* Consult Factory for Additional Details

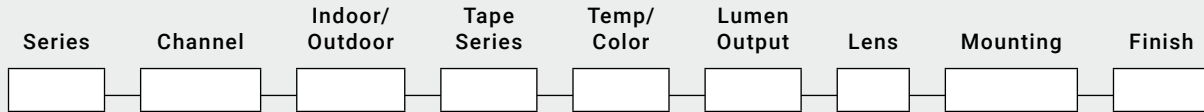
† When Using ULV96-M & HLV96-M

§ Without Spring Clips Installed

For use with Light Source



## Product Code Builder



<p>Series</p> <hr/> <p><b>EZ</b> – Easy-Spec™</p>	<p>Channel</p> <hr/> <b>219</b> – CH-219	<p>Indoor/Outdoor</p> <hr/> <div style="display: flex; justify-content: space-between;"> <div style="font-size: 8px;"> <p> Dry Rated</p> <p> Wet Rated</p> </div> <div style="font-size: 12px;"> <p><b>I</b> – Indoor</p> <p><b>O</b> – Outdoor</p> </div> </div>
<p>Tape Series</p> <hr/> <div style="display: flex; flex-direction: column; gap: 5px;"> <div> <b>U1</b> – Uniform Static White (1-Step)</div> <div> <b>U2</b> – Uniform Static White (2-Step)</div> <div> <b>U3</b> – Uniform Static White (3-Step)</div> </div>	<p>Temp/Color</p> <hr/> <div style="display: flex; flex-direction: column; gap: 5px;"> <div> <b>18K</b> –1800K</div> <div> <b>22K</b> –2200K</div> <div> <b>24K</b> –2400K</div> <div> <b>27K</b> –2700K</div> <div> <b>30K</b> –3000K</div> <div> <b>35K</b> –3500K</div> <div> <b>40K</b> –4000K</div> <div> <b>50K</b> –5000K</div> <div> <b>60K</b> –6000K</div> <div> <b>65K</b> –6500K</div> </div>	<p>Lumen Output</p> <hr/> <div style="display: flex; flex-direction: column; gap: 5px;"> <div> <b>100</b> –100 lm/ft</div> <div> <b>200</b> –200 lm/ft</div> <div> <b>300</b> –300 lm/ft</div> <div> <b>400</b> –400 lm/ft</div> <div> <b>500</b> –500 lm/ft</div> <div> <b>750</b> –750 lm/ft</div> <div> <b>1000</b> –1000 lm/ft</div> <div> <b>1250</b> –1250 lm/ft<sup>‡</sup></div> <div> <b>1500</b> –1500 lm/ft<sup>‡</sup></div> </div>
<p>Lens</p> <hr/> <div style="display: flex; flex-direction: column; gap: 5px;"> <div> <b>C</b> – Clear</div> <div> <b>F</b> – Frosted</div> <div> <b>W</b> – White</div> <div> <b>CW</b> – Continuous White</div> <div> <b>B</b> – Black</div> </div>	<p>Mounting</p> <hr/> <div style="display: flex; flex-direction: column; gap: 5px;"> <div> <b>M</b> – Surface Mounting Clips</div> <div> <b>PV</b> –Pivot Mounting Clip</div> </div>	<p>Finish</p> <hr/> <div style="display: flex; flex-direction: column; gap: 5px;"> <div> <b>A</b> – Anodized Aluminum</div> <div> <b>W</b> –White Finish (WH-08)</div> <div> <b>B</b> –Black Finish (BK-08)</div> <div> <b>C</b> –Custom (RAL#)</div> </div>

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

<sup>‡</sup>Outdoor rated Uniform @ 1250 & 1500lm/ft only available with 3 step tolerance.

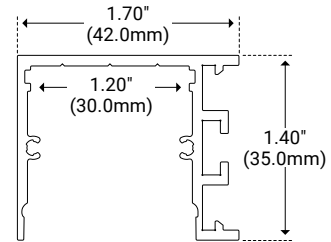


## Channel

### CH-219



Unit Number	CH-219-N
Width	1.70" (42.0mm)
Internal Width	1.20" (30.0mm)
Height	1.40" (35.0mm)

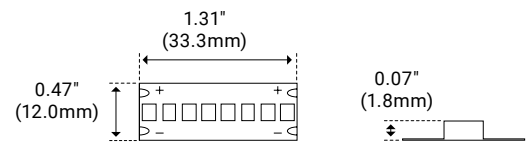


## Tape Series

### Uniform Static White (Indoor)

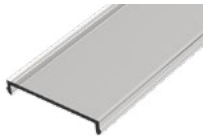


Unit Number	UNIX-WL-I-x-xK-24-NA
Diode	2835
Cut Intervals	1.31" (33.3mm)
Width	0.47" (12.0mm)
Height	0.07" (1.8mm)

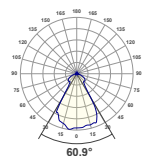
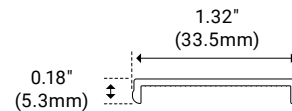


## Lens

### Clear



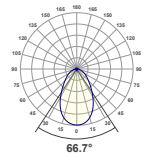
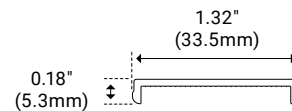
Unit Number	CH-LNS-N-CL-2M
Material	PMMA
Transmission %	92%
Width	1.32" (33.5mm)
Height	0.18" (5.3mm)
Height w/product	1.50" (37.5mm)
Beam Angle	60.9°



### Frosted



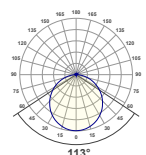
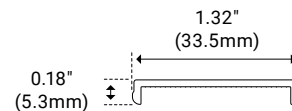
Unit Number	CH-LNS-N-FR-2M
Material	PMMA
Transmission %	88%
Width	1.32" (33.5mm)
Height	0.18" (5.3mm)
Height w/product	1.50" (37.5mm)
Beam Angle	66.7°



### White



Unit Number	CH-LNS-N-WH-2M
Material	PMMA
Transmission %	55%
Width	1.32" (33.5mm)
Height	0.18" (5.3mm)
Height w/product	1.50" (37.5mm)
Beam Angle	113°



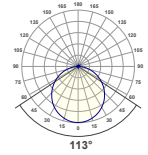
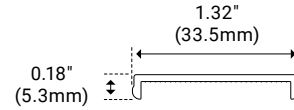


## I Lens

### Continuous White



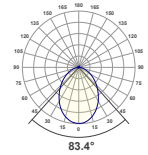
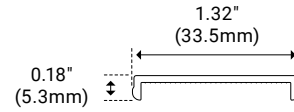
Unit Number	CH-LNS-N-WH-25M
Material	PMMA
Transmission %	55%
Width	1.32" (33.5mm)
Height	0.18" (5.3mm)
Height w/product	1.50" (37.5mm)
Beam Angle	113°



### Black

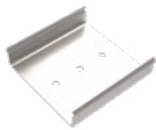


Unit Number	CH-LNS-N-BK-2M
Material	PMMA
Transmission %	18%
Width	1.32" (33.5mm)
Height	0.18" (5.3mm)
Height w/product	1.50" (37.5mm)
Beam Angle	83.4°

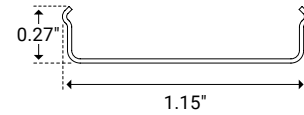


## I Mounting

### Surface Mounting Clip



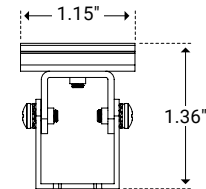
Unit Number	CH-CLP-218-M
Length	1.37" (35.0mm)
Width	1.15" (29.2mm)
Height	0.27" (6.91mm)
Height w/product	1.50" (37.5mm)



### Pivot Mounting Clip



Unit Number	CH-CLP-218-PV
Length	1.37" (35.0mm)
Width	1.15" (29.2mm)
Height	1.36" (34.7mm)
Height w/product	2.57" (65.5mm)





## I Finish

### Anodized Aluminum



Unit Number	A
RAL	Silver Anodized

### White\*



Unit Number	W
RAL	WH-08

### Black\*



Unit Number	B
RAL	BK-08

### Custom\*



Unit Number	C
RAL	Custom

\* Consult factory for pricing



## I Compatible Power Supplies

### ULV36 (Indoor)



Unit Number	ULV36	Voltage	24V DC
Length	4.50" (114.3mm)	Compatible Protocols	ELV, MLV, 0–10V, Resistive, PWM
Width	2.31" (58.6mm)	Dim Capability	5%
Height	1.37" (34.7mm)	Wattage	36W

### Mini ULV96 (Indoor)



Unit Number	ULV96-M	Voltage	24V DC
Length	10.75" (273.0mm)	Compatible Protocols	ELV, MLV, 0–10V, Resistive, PWM
Width	3.00" (75.8mm)	Dim Capability	0%
Height	1.57" (40.0mm)	Wattage	96W

### ULV192 (Indoor)



Unit Number	ULV192	Voltage	24V DC
Length	11.37" (288.7mm)	Compatible Protocols	ELV, MLV, 0–10V, Resistive, PWM
Width	3.37" (85.5mm)	Dim Capability	1%
Height	1.37" (34.7mm)	Wattage	2x 96W

### HLV36-SC (Outdoor)



Unit Number	HLV36-SC	Voltage	24V DC
Length	10.27" (260.8mm)	Compatible Protocols	ELV, MLV, 0–10V, Resistive, PWM
Width	1.26" (32.0mm)	Dim Capability	1%
Height	0.78" (20.0mm)	Wattage	36W

### Mini HLV96 (Outdoor)



Unit Number	HLV96-M	Voltage	24V DC
Length	8.50" (216.0mm)	Compatible Protocols	ELV, MLV, 0–10V, Resistive, PWM
Width	1.36" (34.5mm)	Dim Capability	0%
Height	1.26" (32.0mm)	Wattage	96W

### HLV192 (Outdoor)



Unit Number	HLV192	Voltage	24V DC
Length	8.00" (203.2mm)	Compatible Protocols	ELV, MLV, 0–10V, Resistive, PWM
Width	3.75" (95.2mm)	Dim Capability	1%
Height	1.50" (38.1mm)	Wattage	2 x 96W

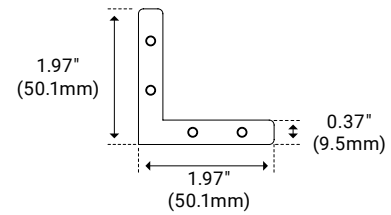


## I Accessories (Sold Separately)

### 90° Horizontal Corner Connector



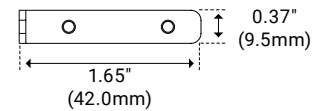
Unit Number	CH-CON-01-90H
Length	1.97" (50.1mm)
Width	0.37" (9.5mm)
Height	0.09" (2.5mm)



### 90° Vertical Corner Connector



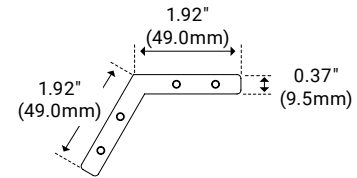
Unit Number	CH-CON-01-90V
Length	1.65" (42.0mm)
Width	0.37" (9.5mm)
Height	0.09" (2.5mm)



### 120° Horizontal Corner Connector



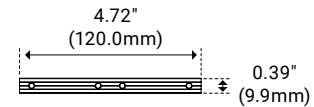
Unit Number	CH-CON-01-110H
Length	1.92" (49.0mm)
Width	0.37" (9.5mm)
Height	0.09" (2.5mm)



### 180° Straight Coupler



Unit Number	CH-CON-21X-180
Length	4.72" (120.0mm)
Width	0.39" (9.9mm)
Height	0.17" (4.39mm)



Note: 2 Per 2M Section Provided

## I Power Feeds (Factory Soldered)

### Lead



Unit Number	FML-2C-6
AWG	20
Cable Length	6'
Connector Length	N/A
Connector Diameter	N/A





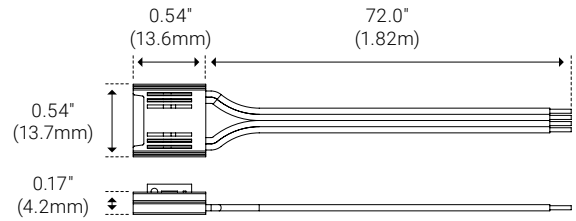
## I Field Connectors/Couplers

### Wire Lead

This is an instant 6 foot snap-on power feed cable.



Unit Number	UNI-WL-I-WL12-6
Feed Length	72.0" (1.82m)
Length	0.54" (13.6mm)
Width	0.54" (13.7mm)
Height	0.17" (4.2mm)

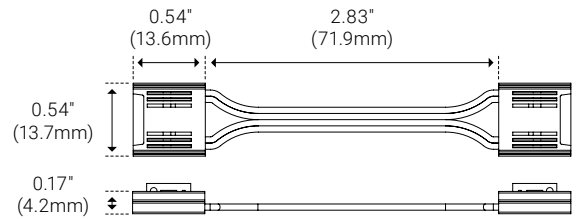


### Corner Connector

This snap-on connector will connect two pieces of LED together but also provide separation so you can curve around corners or bridge gaps.



Unit Number	UNI-WL-I-CC12-3I
Feed Length	2.83" (71.9mm)
Length	0.54" (13.6mm)
Width	0.54" (13.7mm)
Height	0.17" (4.2mm)

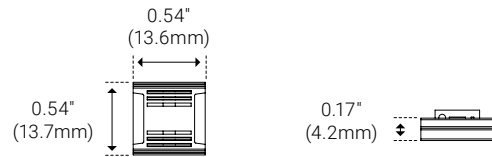


### Straight Coupler

This snap-on coupler quickly connects two runs of tape together.



Unit Number	UNI-WL-I-SC12
Length	0.54" (13.6mm)
Width	0.54" (13.7mm)
Height	0.17" (4.2mm)



## I TM30 Data (Indoor 1250lm/ft)

		CRI	Rf	Rg	R9
1-Step & 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

		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

There is a variance in TM30 values between indoor and outdoor.  
±5% tolerance for all listed data





## I Delivered Lumens (Indoor 1-Step/2-Step)

	Color/Temp Ordering Code	Lens	Output (lm/ft)								
			100	200	300	400	500	750	1000	1250	1500
1800K (90+CRI)	U1/U2-18K	NA	56	107	178	241	274	405	515	698	772
2200K (90+CRI)	U1/U2-22K		66	131	215	292	332	477	606	822	909
2400K (90+CRI)	U1/U2-24K		69	135	223	302	344	505	641	870	962
2700K (90+CRI)*	U1/U2-27K		71	140	230	312	356	533	677	918	1015
3000K (90+CRI)*	U1/U2-30K		78	152	250	340	386	555	705	956	1057
3500K (90+CRI)*	U1/U2-35K		92	181	298	404	459	605	768	1042	1152
4000K (90+CRI)*	U1/U2-40K		83	161	266	360	410	599	761	1032	1142
5000K (90+CRI)*	U1/U2-50K		83	162	268	363	413	610	775	1051	1163
6500K (90+CRI)	U1/U2-65K		84	164	270	367	417	615	782	1061	1173
1800K (90+CRI)	U1/U2-18K	White	31	60	100	135	155	227	293	391	438
2200K (90+CRI)	U1/U2-22K		37	73	120	163	187	267	345	461	516
2400K (90+CRI)	U1/U2-24K		39	76	125	169	194	283	365	488	545
2700K (90+CRI)*	U1/U2-27K		40	78	129	174	201	299	386	515	576
3000K (90+CRI)*	U1/U2-30K		44	85	140	190	218	311	402	536	600
3500K (90+CRI)*	U1/U2-35K		52	101	167	226	259	339	438	584	653
4000K (90+CRI)*	U1/U2-40K		47	90	149	201	231	336	434	579	647
5000K (90+CRI)*	U1/U2-50K		47	91	150	203	233	342	441	589	659
6500K (90+CRI)	U1/U2-65K		48	92	151	205	236	345	446	595	665
1800K (90+CRI)	U1/U2-18K	Frosted	49	93	154	210	251	354	450	607	670
2200K (90+CRI)	U1/U2-22K		59	113	187	255	304	417	531	716	789
2400K (90+CRI)	U1/U2-24K		61	116	194	264	314	441	561	757	835
2700K (90+CRI)*	U1/U2-27K		63	120	201	272	325	466	592	799	881
3000K (90+CRI)*	U1/U2-30K		69	131	218	296	353	485	617	832	918
3500K (90+CRI)*	U1/U2-35K		81	156	259	352	420	529	673	907	1000
4000K (90+CRI)*	U1/U2-40K		72	139	231	314	374	523	667	899	991
5000K (90+CRI)*	U1/U2-50K		73	140	233	317	378	534	679	915	1009
6500K (90+CRI)	U1/U2-65K		74	141	235	319	381	538	685	923	1018

\* Customizable—Consult Factory

There is a variance in Delivered Lumens values between indoor and outdoor.

±5% tolerance for all listed data



## I Delivered Lumens (Indoor 1-Step/2-Step)

	Color/Temp Ordering Code	Lens	Output (lm/ft)								
			100	200	300	400	500	750	1000	1250	1500
1800K (90+CRI)	U1/U2-18K	Clear	51	98	162	219	251	369	470	697	706
2200K (90+CRI)	U1/U2-22K		61	119	197	266	304	434	554	821	832
2400K (90+CRI)	U1/U2-24K		63	123	204	275	315	459	586	869	880
2700K (90+CRI)*	U1/U2-27K		66	127	211	284	326	485	618	917	929
3000K (90+CRI)*	U1/U2-30K		72	138	229	309	354	505	644	955	968
3500K (90+CRI)*	U1/U2-35K		85	164	273	368	421	550	702	1041	1055
4000K (90+CRI)*	U1/U2-40K		76	146	243	328	375	545	696	1031	1045
5000K (90+CRI)*	U1/U2-50K		77	148	245	331	379	556	708	1050	1064
6500K (90+CRI)	U1/U2-65K		77	149	247	333	382	560	715	1060	1074
1800K (90+CRI)	U1/U2-18K	Black	10	19	32	43	50	74	92	124	138
2200K (90+CRI)	U1/U2-22K		12	23	39	53	61	88	109	146	162
2400K (90+CRI)	U1/U2-24K		12	24	40	54	63	93	115	154	172
2700K (90+CRI)*	U1/U2-27K		13	25	41	56	65	98	122	163	181
3000K (90+CRI)*	U1/U2-30K		14	27	45	61	71	102	127	170	189
3500K (90+CRI)*	U1/U2-35K		17	32	53	73	84	111	138	185	206
4000K (90+CRI)*	U1/U2-40K		15	28	48	65	75	110	137	183	204
5000K (90+CRI)*	U1/U2-50K		15	29	48	65	76	112	139	187	208
6500K (90+CRI)	U1/U2-65K		15	29	48	66	76	113	141	188	210

	Lens	Output (lm/ft)								
		100	200	300	400	500	750	1000	1250	1500
Efficacy (lm/W)	NA	90.8	94.6	92.6	92.9	91.2	87.3	86.2	85.0	83.9
	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

\* Customizable—Consult Factory

There is a variance in Delivered Lumens values between indoor and outdoor.

±5% tolerance for all listed data



## I Delivered Lumens (Indoor 3-Step)

	Color/Temp Ordering Code	Lens	Output (lm/ft)								
			100	200	300	400	500	750	1000	1250	1500
1800K (90+CRI)	U3-18K	NA	54	110	183	215	283	400	516	667	778
2200K (90+CRI)	U3-22K		65	133	222	261	342	471	608	786	917
2400K (90+CRI)	U3-24K		68	138	230	270	355	498	643	831	970
2700K (90+CRI)*	U3-27K		69	143	237	279	367	526	679	877	1023
3000K (90+CRI)*	U3-30K		76	155	258	304	398	548	707	914	1066
3500K (90+CRI)*	U3-35K		90	184	307	361	474	597	771	996	1162
4000K (90+CRI)*	U3-40K		81	164	274	322	422	591	764	987	1151
5000K (90+CRI)*	U3-50K		81	166	277	325	426	602	777	1004	1172
6500K (90+CRI)	U3-65K		82	167	279	328	430	608	785	1014	1183
1800K (90+CRI)	U3-18K	White	31	63	105	120	163	230	293	384	447
2200K (90+CRI)	U3-22K		37	77	126	146	198	271	345	452	527
2400K (90+CRI)	U3-24K		39	79	131	151	205	286	365	479	558
2700K (90+CRI)*	U3-27K		40	82	135	156	212	302	385	505	588
3000K (90+CRI)*	U3-30K		44	89	147	170	230	315	401	526	613
3500K (90+CRI)*	U3-35K		52	106	175	202	274	343	437	573	668
4000K (90+CRI)*	U3-40K		47	94	156	180	244	340	433	568	662
5000K (90+CRI)*	U3-50K		47	95	158	182	246	346	441	578	674
6500K (90+CRI)	U3-65K		48	96	159	183	249	349	445	584	680
1800K (90+CRI)	U3-18K	Frosted	48	97	160	187	249	350	452	588	684
2200K (90+CRI)	U3-22K		57	118	194	227	302	413	532	692	806
2400K (90+CRI)	U3-24K		59	122	201	235	312	436	563	732	852
2700K (90+CRI)*	U3-27K		61	126	208	243	323	461	594	773	900
3000K (90+CRI)*	U3-30K		67	137	226	264	351	480	619	805	937
3500K (90+CRI)*	U3-35K		79	163	269	314	418	523	675	877	1021
4000K (90+CRI)*	U3-40K		70	145	240	280	372	518	669	869	1012
5000K (90+CRI)*	U3-50K		71	146	242	283	376	528	681	885	1031
6500K (90+CRI)	U3-65K		72	148	244	285	379	532	687	893	1040

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±5% tolerance for all listed data



## I Delivered Lumens (Indoor 3-Step)

	Color/Temp Ordering Code	Lens	Output (lm/ft)								
			100	200	300	400	500	750	1000	1250	1500
1800K (90+CRI)	U1/U2-18K	Clear	50	100	168	198	261	368	472	617	715
2200K (90+CRI)	U1/U2-22K		60	122	204	240	316	433	556	727	843
2400K (90+CRI)	U1/U2-24K		62	126	211	249	327	458	588	769	892
2700K (90+CRI)*	U1/U2-27K		64	130	218	257	338	484	620	811	941
3000K (90+CRI)*	U1/U2-30K		70	142	237	279	367	504	646	845	980
3500K (90+CRI)*	U1/U2-35K		83	169	282	332	437	549	704	921	1068
4000K (90+CRI)*	U1/U2-40K		74	151	251	296	389	544	698	913	1058
5000K (90+CRI)*	U1/U2-50K		75	152	254	299	393	554	711	929	1078
6500K (90+CRI)	U1/U2-65K		75	153	256	301	396	559	717	938	1088
1800K (90+CRI)	U1/U2-18K	Black	9	20	33	39	52	73	94	124	146
2200K (90+CRI)	U1/U2-22K		11	24	40	47	63	86	111	146	172
2400K (90+CRI)	U1/U2-24K		11	25	42	49	65	91	117	154	182
2700K (90+CRI)*	U1/U2-27K		12	25	43	51	67	96	124	163	192
3000K (90+CRI)*	U1/U2-30K		13	28	47	55	73	100	129	170	200
3500K (90+CRI)*	U1/U2-35K		15	33	56	65	87	109	141	185	218
4000K (90+CRI)*	U1/U2-40K		14	29	50	58	77	108	139	183	216
5000K (90+CRI)*	U1/U2-50K		14	30	50	59	78	110	142	187	219
6500K (90+CRI)	U1/U2-65K		14	30	51	59	79	111	143	188	221

	Lens	Output (lm/ft)								
		100	200	300	400	500	750	1000	1250	1500
Efficacy (lm/W)	NA	101.1	103.4	101.2	103.2	101.9	105.3	107.1	105.1	104.0
	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

\* Customizable—Consult Factory

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±5% tolerance for all listed data

Meets the following certifications when installed with compatible UL Listed tape light: E485707 UL Listed 2108 / CSA C22.2 No. 250.2.