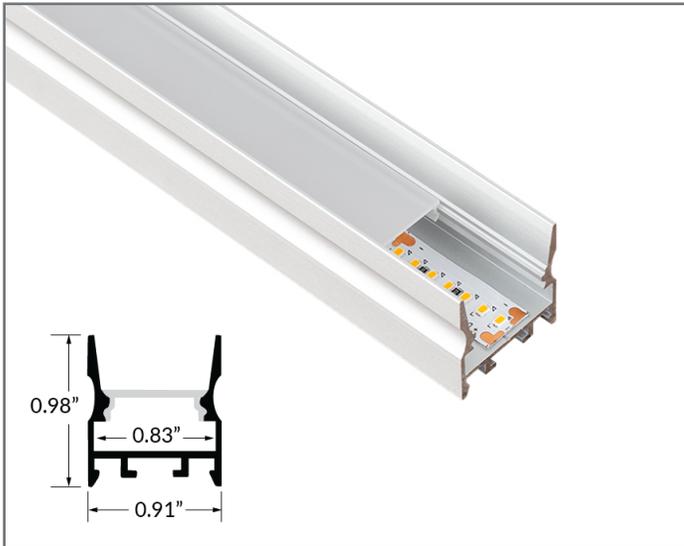


# WIDE DOUBLE GLARE SHIELD EXTRUSION + LED TAPELIGHT



5 YEAR  
LIMITED  
WARRANTY



ASSEMBLED IN THE  
**USA**

## SPECIFICATIONS

FINISH	Silver Anodized
LENS	Frosted
WATTAGE	0.75W/ft to 8.8W/ft
IP RATING	IP20, IP65 - rating applies to tapelight, see page 2 for details
CCT / COLOR	2200K - 5200K; RGB; RGBW; tunable white; warm fade
BEAM SPREAD	N/A
INPUT VOLTAGE	24VDC
LENGTH	Made to order. Actual lengths vary by LED tapelight cut points. Maximum assembled length is 94in. Lengths over 94in are made with multiple sections, shipped unassembled.
OUTPUT	61 to 627 lm/ft
LEDS	Single binned LEDs +/- 30-70 CCT, MacAdam 3 SDCM
MATERIAL	Extrusion - Anodized aluminum; Lens - Polycarbonate
MOUNTING	Mounting clips recommended
POWER SUPPLY	Requires a 24V power supply - see page 5
WARRANTY	IP20 - 5 year limited, IP65 - 3 year limited

## FEATURES & RECOMMENDED APPLICATIONS

Surface-mount extrusion with a high walls and a deeply set lens to prevent glare. Designed for accent, general, under cabinet, displays, shelving, signage.



PRODUCT: LLI-WDG-SF-H4.4W-30K-24V-48IN

# WIDE DOUBLE GLARE SHIELD EXTRUSION + LED TAPELIGHT

## ORDERING GUIDE

← PRODUCT CODE

<b>PROFILE</b>	<b>1a. FINISH</b>	<b>1b. LENS</b>	<b>2. LED</b>	<b>3. IP RATING*</b>	<b>4. CCT / COLOR</b>	<b>INPUT</b>	<b>5. LENGTH</b>	<b>OPTIONAL →</b>	<b>POWER FEED</b>
LLI-WDG	S	F	2.5W	[blank] - IP20	30K	24V	48IN	[blank]	[blank]
	Silver	Frosted	WATTS/FT 0.75-8.8 W/ft	[blank] - IP20 65 - IP65	22K-52K Warm Fade Tunable White Static Color RGB RGBW		Enter overall length in inches. Length can be a complete section (if under max run) or separated into smaller sections. Nominal length only. Actual lengths vary by LED cut point.	Default [blank] - Ships standard with standard clips.  Refer to section 6 on the next page if you require alternate mounting.	Default [blank] - 48" hard wire end feed (PWR48EF)  Refer to section 7 on the next page for an alternate power feed configuration.

Example part number: LLI-WDG-SF-4.4W-65-35K-24V-48IN

More LED tapelight and color options available upon request. Visit [www.llilighting.com](http://www.llilighting.com) or contact us for details.

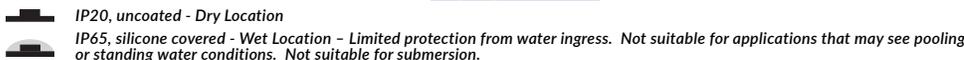
### 1. FINISH & LENS

<b>1a. FINISH</b> <div style="border: 1px solid black; padding: 2px; display: inline-block;">S</div> <b>S</b> Silver Anodized finish	<b>1b. LENS</b> <div style="border: 1px solid black; padding: 2px; display: inline-block;">F</div> <b>F</b> Frosted lens
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### 2-4. LED TAPELIGHT OPTIONS

2. LED CODE	3. IP RATING*	4. CCT / COLOR	TECHNICAL DATA					
H4.4W	[blank]	30K	WATTAGE	DELIVERED LM/FT @ 30K^	FROSTED LENS APPEARANCE**	CRI	MAX. RUN	CUT POINTS*
<b>T0.75W</b> (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	0.75 W/ft	61 lm/ft	SEMI-UNIFORM	90+	26 ft	1"
<b>1.5W</b> (White)	20 / 65*	22K / 27K / 30K / 35K / 42K / 52K	1.5 W/ft	113 lm/ft	IMAGING	90+	60 ft*	3.9"
<b>T1.5W</b> (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	1.5 W/ft	122 lm/ft	SEMI-UNIFORM	90+	26 ft	1"
<b>2.5W</b> (White)	20 / 65	22K / 24K / 27K / 30K / 35K / 42K / 52K	2.5 W/ft	148 lm/ft	SEMI-UNIFORM	90+	32 ft	2"
★ <b>2.2W</b> (White)	20 / 65*	22K / 27K / 30K / 35K / 42K / 52K	2.2 W/ft	150 lm/ft	IMAGING	90+	60 ft*	3.9"
<b>T2.5W</b> (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	2.5 W/ft	160 lm/ft	SEMI-UNIFORM	90+	20 ft	1"
<b>3.5W</b> (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	3.5 W/ft	189 lm/ft	SEMI-UNIFORM	90+	40 ft	2.5"
★ <b>CB3.1W</b> (White COB)	20	27K / 30K / 35K / 40K / 50K	3.1 W/ft	203 lm/ft	UNIFORM	90+	16 ft	0.7"
♦ <b>WF3.5W</b> (Warm Fade)	20 / 65	27D (18-27K) / 30D (18-30K)	3.5 W/ft	213 lm/ft	SEMI-UNIFORM	90+	16 ft	2.5"
<b>TW2.7W</b> (Tunable White)	20 / 65	1835 (18-35K) / 2235 (22-35K) / 2752 (27-52K)	2.7 W/ft	220 lm/ft	SEMI-UNIFORM	90+	26 ft	3.3"
★ <b>4.4W</b> (White)	20 / 65	22K / 24K / 27K / 30K / 35K / 42K / 52K	4.4 W/ft	230 lm/ft	SEMI-UNIFORM	90+	32 ft	2"
<b>H3.5W</b> (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	3.5 W/ft	286 lm/ft	SEMI-UNIFORM	90+	26 ft	2.5"
★ <b>CB4.6W</b> (White COB)	20	27K / 30K / 35K / 40K / 50K	4.6 W/ft	304 lm/ft	UNIFORM	90+	16 ft	0.7"
<b>T5.0W</b> (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	5.0 W/ft	309 lm/ft	SEMI-UNIFORM	90+	13 ft	1"
<b>H4.0W</b> (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	4.0 W/ft	318 lm/ft	SEMI-UNIFORM	90+	40 ft	1.3"
<b>R5.4W</b> (White, High R9)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	5.4 W/ft	368 lm/ft	SEMI-UNIFORM	95+	16 ft	1"
★ <b>H4.4W</b> (White)	20 / 65	22K / 24K / 27K / 30K / 35K / 42K / 52K	4.4 W/ft	368 lm/ft	SEMI-UNIFORM	90+	32 ft	2"
<b>TW5.3W</b> (Tunable White)	20 / 65	1835 (18-35K) / 2235 (22-35K) / 2752 (27-52K)	5.3 W/ft	384 lm/ft	SEMI-UNIFORM	90+	16 ft	1.3"
<b>8.8W</b> (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	8.8 W/ft	403 lm/ft	SEMI-UNIFORM	90+	32 ft	1"
<b>H6.6W</b> (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	6.6 W/ft	519 lm/ft	SEMI-UNIFORM	90+	16 ft	1.3"
★ <b>H5.3W</b> (White)	20	27K / 30K / 35K / 42K / 52K	5.3 W/ft	536 lm/ft	SEMI-UNIFORM	90+	16 ft	2"
<b>IC5.9W</b> (White)	20	27K / 30K / 35K / 42K / 52K	5.9 W/ft	569 lm/ft	UNIFORM	90+	16 ft	0.21"
★ <b>HO5.9W</b> (White)	20	27K / 30K / 35K / 42K / 52K	5.9 W/ft	627 lm/ft	SEMI-UNIFORM	90+	16 ft	2"
<b>C2.2W</b> (Static Color)	20 / 65	RED / AMB / GRN / BLU	2.2 W/ft	N/A	IMAGING	—	60 ft	3.9"
<b>C4.4W</b> (Static Color)	20 / 65	RED / AMB / GRN / BLU	4.4 W/ft	N/A	SEMI-UNIFORM	—	32 ft	2"
<b>CC4.4W</b> (RGB)	20 / 65	RGB	4.4 W/ft	83 lm/ft	IMAGING	—	32 ft	3.9"
<b>TC4.4W</b> (RGB)	20 / 65	RGB	4.4 W/ft	121 lm/ft	SEMI-UNIFORM	—	16 ft	2"
★ <b>CC5.9W</b> (RGB)	20 / 65	RGB	5.9 W/ft	224 lm/ft	SEMI-UNIFORM	—	32 ft	2.8"
<b>CW5.8W</b> (RGBW)	20 / 65	R30 (RGB + 30K) / R60	5.8 W/ft	202 lm/ft	IMAGING	80+	32 ft	3.9"
★ <b>CW7.0W</b> (RGBW)	20	R30 (RGB + 30K) / R60	7.0 W/ft	235 lm/ft	SEMI-UNIFORM	90+	28 ft	2.5"
<b>CW7.6W</b> (RGBW)	20 / 65	R22 (RGB + 22K) / R27 / R30 / R35 / R42 / R52	7.6 W/ft	247 lm/ft	SEMI-UNIFORM	90+	16 ft	2.5"

\* 1.5W and 2.2W IP65 tapelight maximum run is reduced to 50 ft, only IP20 may reach maximum run of 60 ft.  
 ★ Recommended options.  
 ♦ Warm Fade tapelight requires a UDIMM or 0-10V dimmable power supply.  
 \*\* Diode visibility data tested at 100% output. Diodes may become more visible as tapelight dims.  
 ^ Lumen data based on frosted lens, IP20 tapelight, 30K white output, or combined output for tunable white, warm fade, RGB, and RGB(W) tapelights.  
 \* Protection varies according to IP Rating. See below or refer to [llilighting.com/resources](http://llilighting.com/resources) for more information.



# WIDE DOUBLE GLARE SHIELD EXTRUSION + LED TAPELIGHT

## ORDERING GUIDE (CONTINUED)

### 5. LENGTH

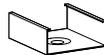
5.  
LENGTH  
48IN

Enter overall extrusion length in inches. Maximum assembled length is 94in. Lengths over 94in are made with multiple sections, shipped unassembled. Overall Extrusion+LED tapelight length will be rounded down based on nearest LED tapelight cut point.

### 6. MOUNTING (OPTIONAL)

6.  
MOUNTING  
[blank]  
Default [blank] - Standard Clip

STANDARD MOUNTING CLIP INCLUDED UNLESS OTHERWISE SPECIFIED



### 7-9. POWER FEED (OPTIONAL)

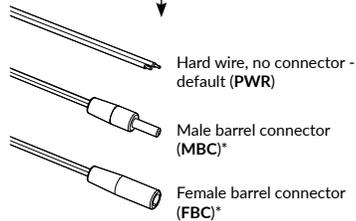
7. LEAD TYPE      8. LEAD LENGTH      9. FEED TYPE  
[blank]      [blank]      [blank]

Default [blank] - 48" hard wire end feed (PWR48EF)

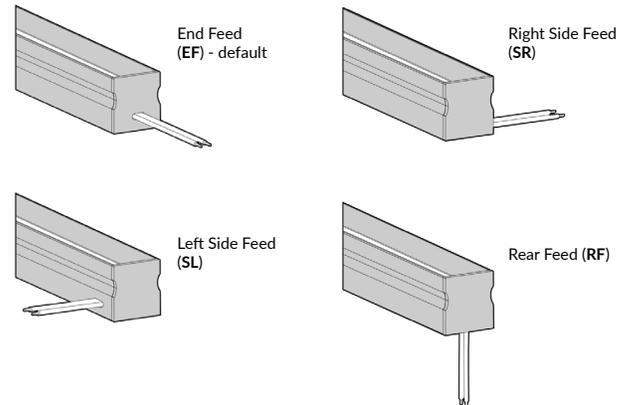
- PWR** Hard wire
- MBC\*** Male barrel
- FBC\*** Female barrel

Enter desired wire length in inches.

- EF** End Feed
- SL** Left Side Feed
- SR** Right Side Feed
- RF** Rear Feed

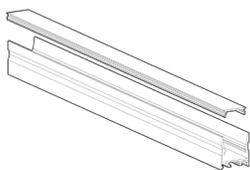


STANDARD 48" HARD WIRE END FEED INCLUDED UNLESS OTHERWISE SPECIFIED



\*Barrel connectors not compatible with RGB, RGB(W), or Tunable White tapelights.

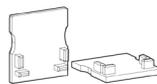
## WHAT'S INCLUDED



EXTRUSION WITH LENS



LED TAPELIGHT WITH POWER FEED



ENDCAPS



MOUNTING CLIPS

# WIDE DOUBLE GLARE SHIELD EXTRUSION + LED TAPELIGHT

## LUMEN OUTPUT MULTIPLIERS (FOR ESTIMATING DELIVERED LUMENS)

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COLOR TEMPERATURE	LUMEN MULTIPLIER
2200K	0.8
2700K	0.9
3000K	1
3500K	1.1
4200K	1.2
5200K	1.25

IP RATING	LUMEN MULTIPLIER
IP20	1
IP65	0.9

**EXAMPLE: Extrusion with 2.2W, IP65, 5200K**

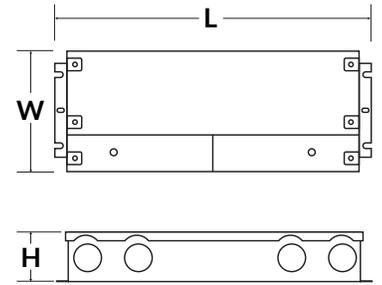
(Output @ 30K) x (Color temperature lumen multiplier) x (IP rating lumen multiplier) = Estimated delivered lm/ft

150 lm/ft	x	1.25	x	0.9	=	168 lm/ft
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**DIMMABLE ELECTRONIC 0-10V** 

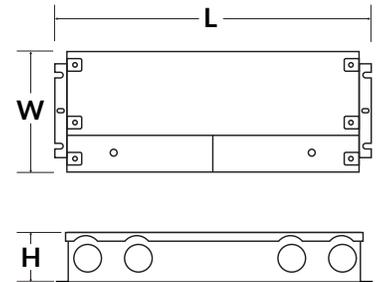
Optimal performance dims to 0%.\*

PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-DE010-030W-24V-KO	30W	120V or 277V	24V	CLASS 2	IP66 WET	6.5"	3.6"	1.6"
LLI-PS-DE010-060W-24V-KO	60W	120V or 277V	24V	CLASS 2	IP66 WET	7.4"	3.6"	1.6"
LLI-PS-DE010-096W-24V-KO	96W	120V or 277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.7"
LLI-PS-DE010-192W-24V-CL2-KO	2x96W	120V or 277V	24V	CLASS 2	IP66 WET	10.9"	4.3"	1.9"
LLI-PS-DE010-200W-24V-KO	200W	120V or 277V	24V	CLASS 1	IP66 WET	10.2"	4.1"	1.8"
LLI-PS-DE010-288W-24V-CL2-KO	3x96W	120V or 277V	24V	CLASS 2	IP66 WET	11.9"	4.3"	1.9"
LLI-PS-DE010-300W-24V-KO	300W	120V or 277V	24V	CLASS 1	IP66 WET	10.9"	4.3"	1.8"



**NON-DIMMABLE ELECTRONIC** 

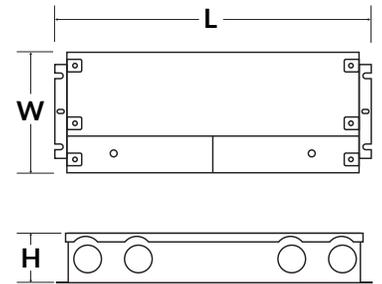
PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-NDE-030W-24V-KO	30W	100-277V	24V	CLASS 2	IP66 WET	6.5"	3.5"	1.02"
LLI-PS-NDE-060W-24V-KO	60W	100-277V	24V	CLASS 2	IP66 WET	7.4"	3.5"	1.2"
LLI-PS-NDE-096W-24V-KO	96W	100-277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.7"
LLI-PS-NDE-192W-24V-CL2-KO	2x96W	100-277V	24V	CLASS 2	IP66 WET	10.9"	4.1"	1.9"
LLI-PS-NDE-200W-24V-KO	200W	100-277V	24V	CLASS 1	IP66 WET	10.3"	4.1"	1.8"
LLI-PS-NDE-288W-24V-CL2-KO	3x96W	100-277V	24V	CLASS 2	IP66 WET	11.9"	4.1"	1.9"
LLI-PS-NDE-300W-24V-KO	300W	100-277V	24V	CLASS 1	IP66 WET	10.9"	4.3"	1.8"



**UNIVERSAL DIMMABLE ELECTRONIC FLICKER-FREE** 

Optimal performance dims to 0-2%.

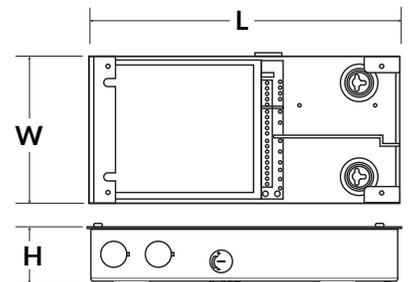
PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-UDIMM-030W-24V-KO	30W	110-277V	24V	CLASS 2	IP66 WET	6.5"	3.7"	1.6"
LLI-PS-UDIMM-060W-24V-KO	60W	110-277V	24V	CLASS 2	IP66 WET	7.4"	3.7"	1.6"
LLI-PS-UDIMM-096W-24V-KO	96W	110-277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.6"
LLI-PS-UDIMM-192W-24V-CL2-KO	2x96W	110-277V	24V	CLASS 2	IP66 WET	10.9"	4.3"	1.8"
LLI-PS-UDIMM-200W-24V-KO	200W	110-277V	24V	CLASS 1	IP66 WET	10.2"	4.1"	1.8"
LLI-PS-UDIMM-288W-24V-CL2-KO	3x96W	110-277V	24V	CLASS 2	IP66 WET	11.8"	4.3"	1.8"
LLI-PS-UDIMM-300W-24V-KO	300W	110-277V	24V	CLASS 1	IP66 WET	10.9"	4.3"	1.8"



**LUTRON HI-LUME PREMIER 0.1% DIMMABLE ELECTRONIC** 

Soft-on, Fade-to-Black, continuous flicker-free dimming from 100% to 0.1.

PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
L3D0-96W24V-U	96W	120-277V	24V	CLASS 2	IP20 DRY	10.5"	5.5"	2.0"



\*Performance can be affected by driver loading and dimmer type.

