



### Features

The LineLED WD68 is a small profile and high output Warm Dim light strip. LineLED WD68 follows the incandescent dimming curve from either 2700K or 2400K at full brightness down to 1900K at the lowest dim levels. Compatibility with MLV, ELV, and Incandescent dimmers simplifies installation for residential or hospitality applications. It is easily installed directly onto the mounting surface with double sided tape or within discrete aluminum extrusions to seamlessly blend into any space.

### Mounting

LED strip is equipped with 3M™ adhesive transfer tape (9472LE).

### Applications

Indoor only – cove lighting, architectural reveals, under banister, general ambient lighting, etc.

### Approvals

Class 2 damp listed

### Operating voltage

24 VDC

### Life (L70)

50,000 hours

### Warranty

5 years



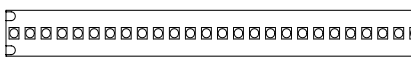
### Technical information

MODEL	LL-WD68	
Output Options	19K – 27K	19K – 24K
LEDs/ft	68	
Light output	340 lm/ft (27K)	300 lm/ft (24K)
Average power consumption (for 4' section)	4.5 W/ft	
Efficacy	75 lm/W	66 lm/W
Cutting increment	4.9"	
Pitch length	0.18"	
Maximum run length (in series)	30 ft	
Dimensions	0.48" W x 0.09" H	

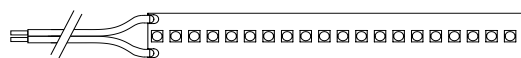
CCT	Multiplier (referenced from 3000K)	TM-30			
		CRI	R <sub>f</sub>	R <sub>g</sub>	R <sub>9</sub>
1900K	0.73	96	92	96	94
2400K	0.81	98	96	102	98
2700K	0.94	96	94	105	96

### SECTION START/END OPTIONS

No connector

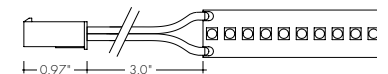


Soldered lead wires (72")

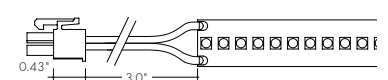


18 AWG

Lead Male 3" cable



Lead Female 3" cable



### Ordering Code

MODEL	COLOR TEMPERATURE	SECTION START	SECTION END	LENGTH
LLWD68 - LineLED WD68 Warm Dim	19K – 24K - 1900K - 2400K 19K – 27K 1900K - 2700K	SL - Soldered lead wires (72") NC - No connector LM - Lead Male LF - Lead Female	SL - Soldered lead wires (72") NC - No connector LM - Lead Male LF - Lead Female	view table above for increment options and maximum run limits

## Power Consumption

Per linear foot, tested at full power (2700K) with PSD Series power supplies

### LLWD68

Nominal Length	W/ft	Total wattage
<b>1</b>	4.1	4.1
<b>2</b>	4.1	8.6
<b>3</b>	4.5	12.9
<b>4</b>	4.4	18.0
<b>5</b>	4.6	22.4
<b>6</b>	4.3	26.7
<b>7</b>	4.2	29.7
<b>8</b>	4.3	35.2
<b>9</b>	4.2	37.6
<b>10</b>	4.2	41.2
<b>11</b>	4.1	45.1
<b>12</b>	4.1	48.4
<b>13</b>	3.9	51.6
<b>14</b>	3.9	53.7
<b>15</b>	3.8	58.3
<b>16</b>	3.8	61.2
<b>17</b>	3.8	65.2
<b>18</b>	3.8	67.9
<b>19</b>	3.7	69.9
<b>20</b>	3.7	74.7
<b>21</b>	3.7	77.2
<b>22</b>	3.6	79.6
<b>23</b>	3.5	81.5
<b>24</b>	3.5	84.1
<b>25</b>	3.4	85.9
<b>26</b>	3.4	87.2
<b>27</b>	3.3	89.3
<b>28</b>	3.3	90.8
<b>29</b>	3.1	93.2
<b>30</b>	3.1	93.2

Lens Options / Light Transmission

<b>C</b> Clear	<b>HF</b> Half (50%) Frosted	<b>G</b> Graze	<b>SI</b> Satin Ice	<b>S</b> Square Frosted	<b>Q</b> Rounded Square Frosted
<b>F</b> Frosted	<b>M</b> Medium beam frosted	<b>R</b> Raised	<b>C36</b> Clear 36° beam angle	<b>C10</b> Clear 10° beam angle	

<b>KS Channel (KSC-XX)</b>  <b>C</b> 85% <b>F</b> 55% <b>HF</b> 72% <b>C36</b> 83% <b>R</b> 51%	<b>KM Channel (KMC-XX)</b>  <b>C</b> 71% <b>F</b> 42% <b>HF</b> 58% <b>C10</b> 67% <b>R</b> 39%	<b>K45V Channel (K45VC-XX)</b>  <b>C</b> 71% <b>F</b> 42% <b>HF</b> 58% <b>C10</b> 67%	<b>BOS Channel (BOSC-XX)</b>  <b>F</b> 43% <b>SI</b> 56% <b>R</b> 46% <b>G</b> 67%
<b>KL Channel (KLC-XX)</b>  <b>C</b> 83% <b>F</b> 55% <b>HF</b> 68%	<b>KXL Channel (KXLC-XX)</b>  <b>C</b> 74% <b>F</b> 46% <b>HF</b> 61%	<b>CLA Channel (CLAC-XX)</b>  <b>S</b> 62% <b>Q</b> 63%	<b>KRXL Channel (KRXLC-XX)</b>  <b>C</b> 74% <b>F</b> 46% <b>HF</b> 61%
<b>KRS Channel (KRSC-XX)</b>  <b>C</b> 85% <b>F</b> 55% <b>HF</b> 72%	<b>KRM Channel (KRM-XX)</b>  <b>C</b> 71% <b>F</b> 42% <b>HF</b> 58%	<b>KRL Channel (KRLC-XX)</b>  <b>C</b> 83% <b>F</b> 55% <b>HF</b> 68%	<b>ALS20 Channel (ALS20-XX)</b>  <b>C</b> 78% <b>F</b> 43%
<b>Wall + Channel (WPC-XX)</b>  <b>C</b> 47% <b>F</b> 44%	<b>RO Channel (RO-XX)</b>  <b>C</b> 75% <b>F</b> 52%		

**LED Dotting Per Extrusion** Using the Frosted Lens Option

LLWD68		
Extrusion	19K	27K
KSC, KRSC	CD	ND
KMC, KRM, K45VC, K45RC	ND	ND
KXLC, KRXLC	ND	ND
KLC, KRLC	CD	ND
WPC	ND	ND
RO, ALS20	ND	ND
BOSC	SD	ND
CLAC	ND	ND
KILOC, KILOC	ND	ND
LIN	ND	ND



CD - Clear Dotting  
 SD - Slight Dotting  
 ND - No Dotting

**Installation**

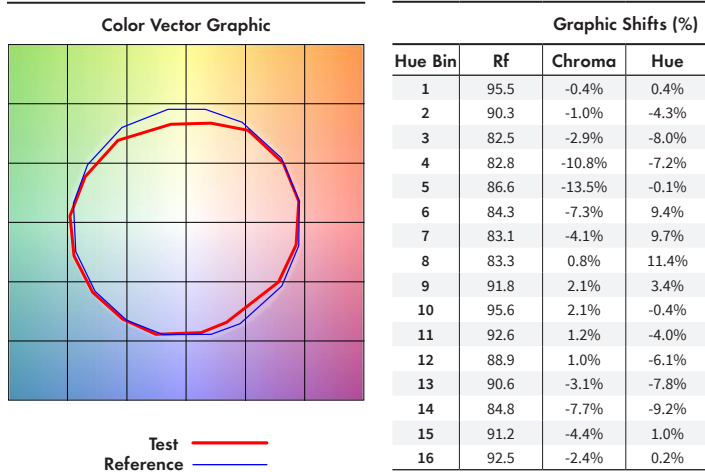
All mounting channels are field cuttable using miter saw with circular blade suitable for cutting aluminum.

**Ordering**

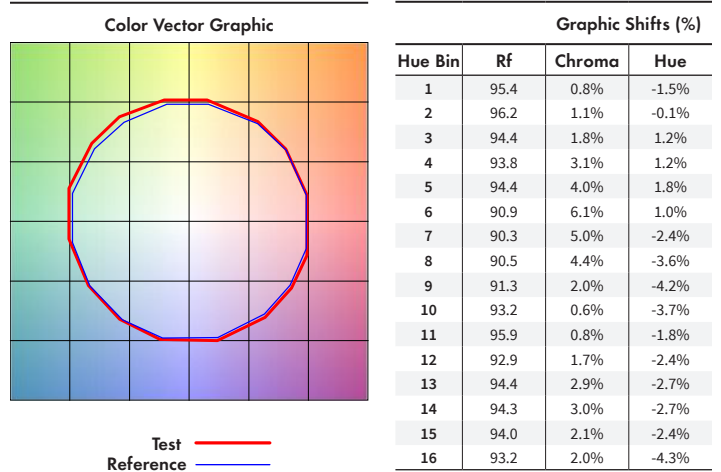
Extrusions are sold separately. View respective specsheets for details on ordering extrusions and their accessories (endcaps, mounting brackets, etc).

TM-30 Color Vector Graphics

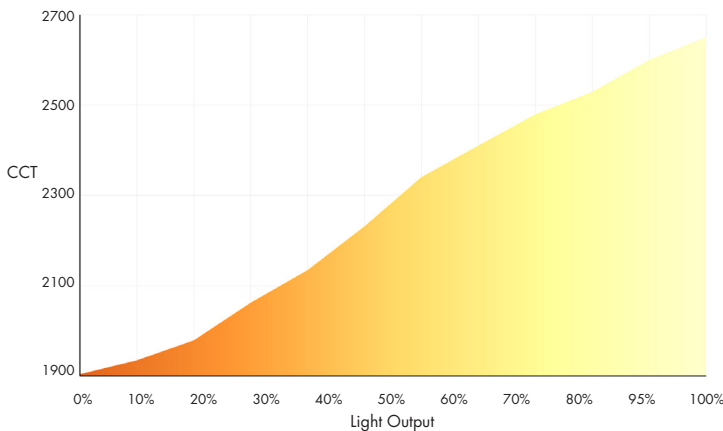
1900K



2700K



Warm Dim Curve



Brand	Model Part Number	Dimming Type	Dimming Range
Lutron	DIVA DVLV-603P	MLV	0 – 100
Lutron	DIVA DVLV-153P	MLV	0 – 100
Lutron	MRF2-6ELV-120	MLV	0 – 100
Lutron	MAESTRO WIRELESS MRF2-6ND-120	MLV	0 – 100
Lutron	SKYLARK CTCL-153P CFL/LED	MLV	0 – 100
Lutron	NOVA NVL-1000	MLV	0 – 100
Lutron	SKYLARK SLV-600P	MLV	0 – 100
Lutron	LUTRON PD-10NXD	ELV, INCAND, MLV	0 – 100
Leviton	LEVITON DECORA LED, CFL, INC	ELV, INCAND, MLV	0 – 100
Leviton	IP106-1L2 INCANDESCENT		0 – 100
Leviton	LEVITON AWSMT-MAW INC	MLV	0 – 100

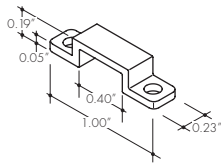
Dimming Table

Voltage (V)	Dim %	Flux (lm)	CCT (K)	R9
18.5	1%	15	1904	95
19.4	10%	153	1935	95
20.3	20%	306	1979	98
21	30%	460	2062	99
21.5	40%	613	2135	98
22.2	50%	767	2232	97
22.9	60%	920	2340	96
23.5	70%	1073	2410	96
23.8	80%	1227	2479	95
24.3	90%	1348	2529	96
24.8	100%	1534	2650	95

### Accessories

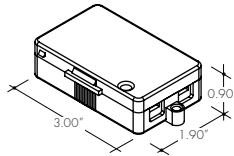
**CL-1**

Mounting clip recommended every 12" when LineLED strip is facing down.



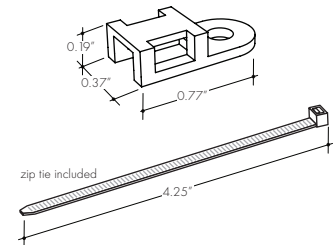
**LVSP-4T-BK**

Splice box for low voltage, 4 terminal connections, black.



**LL.ZIP**

Strain Relief Clip for wire management



### Power Supply

See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see [Compatible Dimming Chart](#) on the Resources page.

#### Magnetic Low Voltage Dimming Power Supplies

MODEL	POWER	OUTPUT	INPUT
PSD - PSD Series dims down to 0%	48 - 48 Watt 96 - 96 Watt 288 - 288 Watt (3 x 96Watt)	24 - 24 VDC	Blank - 120 V 240 - 240 V 277 - 277 V

MODELS	48W	96W	288W
<b>A Length</b>	11.25"	11.25"	13.06"
<b>B Width</b>	3.42"	3.42"	8.42"
<b>Depth</b>	3.42"	3.27"	4.47"

