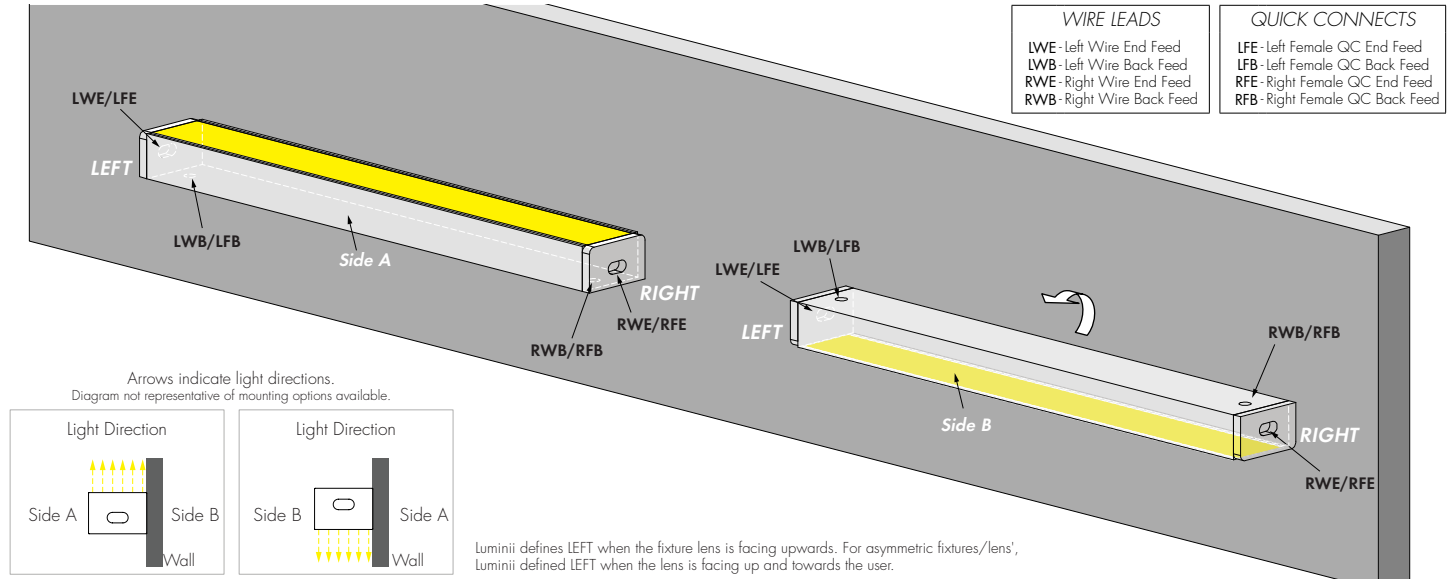




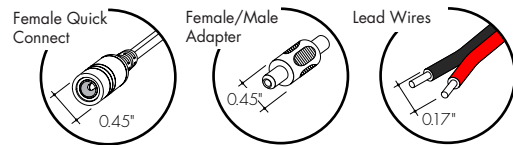
**Powerfeeds and Connectors**

**Power Feed Position Options and Orientation**

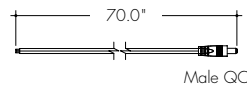


**Linking and Extension Cable Options**

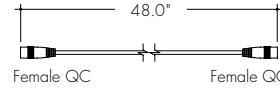
**For use with Warm Dim (WD60X2):**



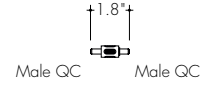
**LMC-70**  
Male quick-connect long, 2 pin, 70"



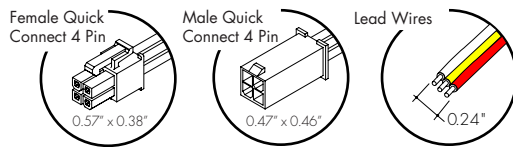
**EC-48**  
Female/Female Extension Cable, 2 pin, 48"



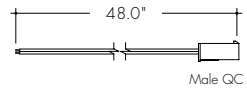
**FMA**  
Female to male adapter



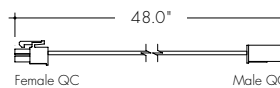
**For use with Tunable White (TW60X2), RGB Pixel (RGBX18) and RGBW Pixel (RGBWX18):**



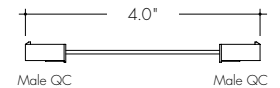
**MOLEX-CON-LEAD-M-3-48**  
Molex Male Connector Cable, 3 pin, 48"



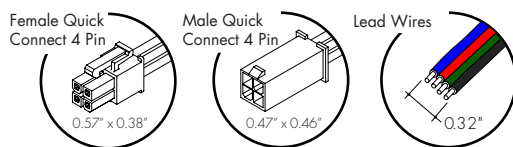
**MOLEX-JC-F-M-3-48**  
Female/Male Jumper Cable, 3 pin, 48"



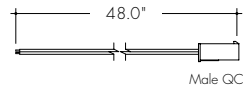
**MOLEX-JC-M-M-3-4**  
Female to Male Adapter, 3 pin, 4"



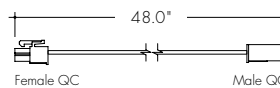
**For use with RGB (RGB42):**



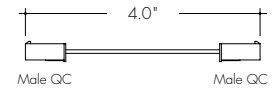
**MOLEX-CON-LEAD-M-4-48**  
Molex Male Connector Cable, 4 pin, 48"



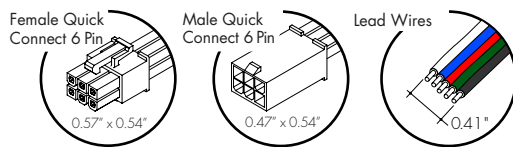
**MOLEX-JC-F-M-4-48**  
Female/Male Jumper Cable, 4 pin, 48"



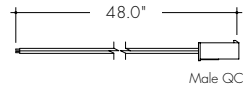
**MOLEX-JC-M-M-4-4**  
Female to Male Adapter, 4 pin, 4"



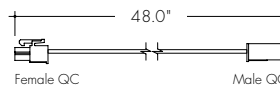
**For use with RGBW (RGBW36):**



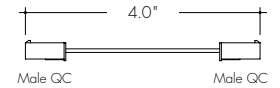
**MOLEX-CON-LEAD-M-5-48**  
Molex Male Connector Cable, 5 pin, 48"



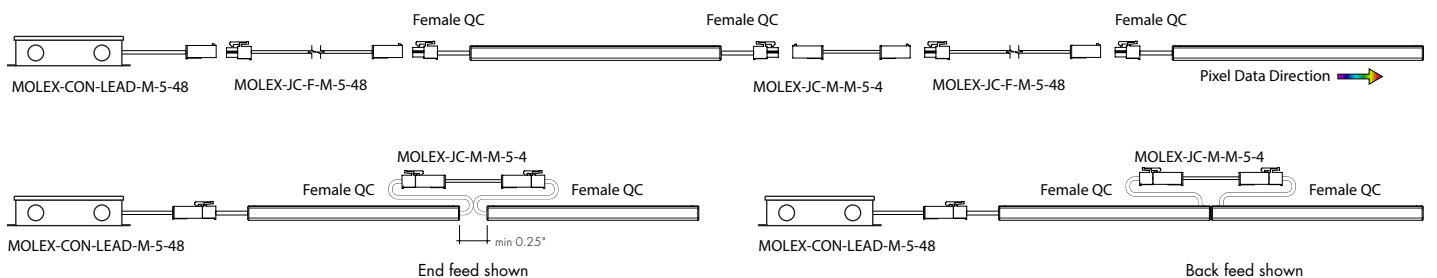
**MOLEX-JC-F-M-5-48**  
Female/Male Jumper Cable, 5 pin, 48"



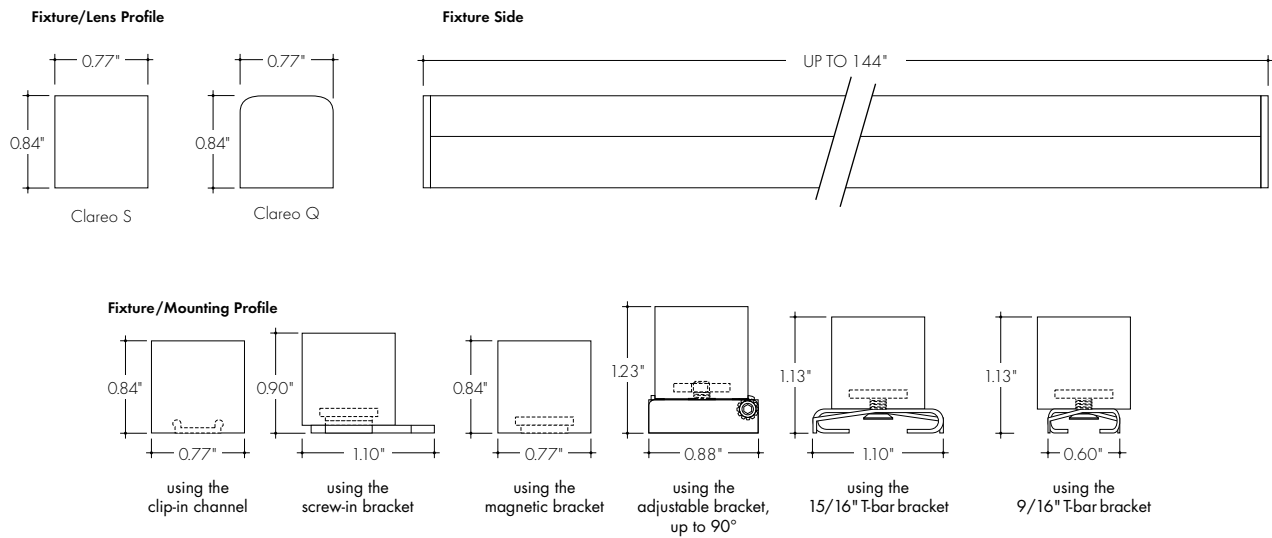
**MOLEX-JC-M-M-5-4**  
Female to Male Adapter, 5 pin, 4"



**Sample Layout**



**Product Dimensions**



**Finish Options**

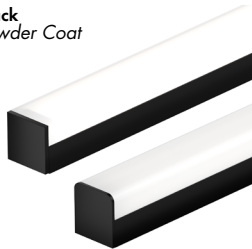
- Finish options are available in a wide variety, allowing for complete customization of style and aesthetic.
- Non Base finishes may have extended lead times and price adder.
- Polished Gold and Chrome finishes have a maximum fixture length of 96".
- Custom RALs are available, please consult Inside Sales with specific request.

**Silver Anodized Base**



Silver Anodized is a soft silver with a clear finish.

**Black Powder Coat**



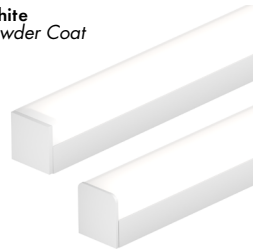
Black is a true deep black with a glossy finish.

**Bronze Powder Coat**



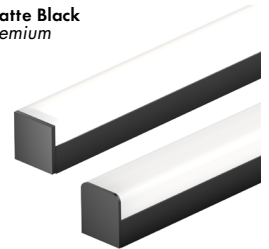
Bronze is a rich, dark brown with a satin finish.

**White Powder Coat**



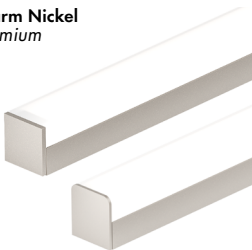
White is a polar bright white and field paintable.

**Matte Black Premium**



Matte Black is a dark, pitch-black with a soft flat finish.

**Warm Nickel Premium**



Warm Nickel is a soft, silvery smoke with warm tones and a satin finish.

**Aged Brass Premium**



Aged Brass is a deep brown shade with slightly golden undertones.

**Polished Gold Premium**



Polished Gold is bright and radiant for a brilliant finish.

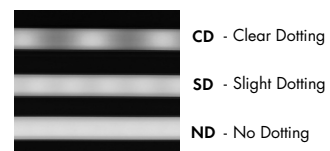
**Chrome Premium**



Chrome is a highly reflective silver polish.

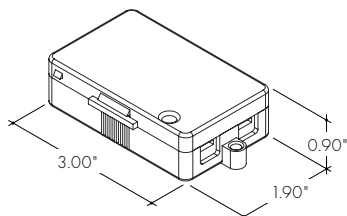
**Light Transmission and Dotting**

Output Options	Lens/Accessory							
	Frosted Lens Rounded Square				Frosted Lens Square			
Dimming Level	100%	50%	10%	1%	100%	50%	10%	1%
WD60X2VHO	ND	ND	ND	ND	ND	ND	ND	ND
TW60X2HO (All On)	ND	ND	ND	ND	ND	ND	ND	ND
TW60X2HO (1-Channel)	ND	ND	ND	ND	ND	ND	ND	ND
TW60X2VHO (All On)	ND	ND	ND	ND	ND	ND	ND	ND
TW60X2VHO (1-Channel)	ND	ND	ND	ND	ND	ND	ND	ND
RGBW36SO	ND	ND	ND	ND	ND	ND	ND	ND
RGBW36HO	ND	ND	ND	ND	ND	ND	ND	ND
RGB42SO	ND	ND	ND	ND	ND	ND	ND	ND
RGB42HO	ND	ND	ND	ND	ND	ND	ND	ND
RGBWX18SO	SD	SD	SD	CD	SD	SD	SD	CD
RGBX18SO	SD	SD	SD	CD	SD	SD	SD	CD
<b>Transmission Percentage</b>	100%				96%			



**Accessory Options**

**LVSP-4T-BK**  
Low Voltage, 4 Terminal Splice Box, Black



**Power Consumption**

Tested at Full Power with PS-UNI Series power supplies.

\*For Back Feed add 4/16" (1/4") to Actual Length. Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

**Warm Dim (WD60X2)**

Nominal Length (in)	End Feed Actual Length*	Watts SO	Nominal Length (in)	End Feed Actual Length*	Watts SO	Nominal Length (in)	End Feed Actual Length*	Watts SO	Nominal Length (in)	End Feed Actual Length*	Watts SO
12	10 11/16	11.4	47	-	-	82	81	63.4	117	116 3/16	84.7
13	12 2/16	11.4	48	47 4/16	38.9	83	82 7/16	64.8	118	117 9/16	85.8
14	13 8/16	12.1	49	48 11/16	40.5	84	83 13/16	65.6	119	119	86.4
15	14 15/16	12.9	50	-	-	85	-	-	120	-	-
16	-	-	51	50 1/16	41.3	86	85 4/16	66.3	121	120 6/16	87.5
17	16 5/16	13.7	52	51 8/16	42.9	87	86 10/16	67.4	122	121 13/16	88.2
18	17 12/16	15.2	53	52 14/16	43.7	88	-	-	123	-	-
19	-	-	54	-	-	89	88 1/16	68.0	124	123 3/16	88.9
20	19 2/16	15.9	55	54 5/16	44.6	90	89 7/16	69.0	125	124 10/16	90.3
21	20 9/16	17.5	56	55 11/16	46.2	91	90 14/16	69.6	126	-	-
22	21 15/16	18.2	57	-	-	92	-	-	127	126	91.0
23	-	-	58	57 2/16	47.0	93	92 4/16	70.1	128	127 7/16	92.5
24	23 6/16	19.0	59	58 8/16	48.7	94	93 11/16	71.2	129	128 13/16	93.2
25	24 12/16	20.5	60	59 15/16	49.5	95	-	-	130	-	-
26	-	-	61	-	-	96	95 1/16	71.8	131	130 4/16	93.9
27	26 3/16	21.4	62	61 5/16	50.3	97	96 8/16	72.9	132	131 10/16	95.3
28	27 9/16	23.2	63	62 12/16	51.5	98	97 14/16	73.5	133	-	-
29	29	24.1	64	-	-	99	-	-	134	133 1/16	96.0
30	-	-	65	64 2/16	52.1	100	99 5/16	74.2	135	134 7/16	95.9
31	30 6/16	25.9	66	65 9/16	53.3	101	100 11/16	75.5	136	135 14/16	95.9
32	31 13/16	26.8	67	66 15/16	53.9	102	-	-	137	-	-
33	-	-	68	-	-	103	102 2/16	76.2	138	137 4/16	95.9
34	33 3/16	27.7	69	68 6/16	54.5	104	103 8/16	77.5	139	138 11/16	95.8
35	34 10/16	29.5	70	69 12/16	55.6	105	104 15/16	78.2	140	-	-
36	-	-	71	-	-	106	-	-	141	140 1/16	95.7
37	36	30.4	72	71 3/16	56.2	107	106 5/16	78.8	142	141 8/16	95.7
38	37 7/16	32.1	73	72 9/16	57.4	108	107 12/16	80.1	143	142 14/16	95.6
39	38 13/16	32.8	74	74	58.2	109	-	-	144	-	-
40	-	-	75	-	-	110	109 2/16	80.8			
41	40 4/16	33.6	76	75 6/16	59.7	111	110 9/16	81.9			
42	41 10/16	35.1	77	76 13/16	60.4	112	111 15/16	82.5			
43	-	-	78	-	-	113	-	-			
44	43 1/16	35.9	79	78 3/16	61.1	114	113 6/16	83.0			
45	44 7/16	37.4	80	79 10/16	62.6	115	114 12/16	84.2			
46	45 14/16	38.2	81	-	-	116	-	-			

**Power Consumption**

Tested at Full Power with PS-UNI Series power supplies.

Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

**Tunable White (TW60X2)**

Nominal Length (in)	Actual Length	Watts		Nominal Length (in)	Actual Length	Watts		Nominal Length (in)	Actual Length	Watts		Nominal Length (in)	Actual Length	Watts	
		HO	VHO			HO	VHO			HO	VHO			HO	VHO
<b>12</b>	10 11/16	7.7	10.4	<b>47</b>	—	—	—	<b>82</b>	81	43.6	58.6	<b>117</b>	116 3/16	58.6	77.4
<b>13</b>	12 2/16	7.7	10.4	<b>48</b>	47 4/16	25.5	36.7	<b>83</b>	82 7/16	44.5	59.7	<b>118</b>	117 9/16	59.6	78.5
<b>14</b>	13 8/16	8.4	11.2	<b>49</b>	48 11/16	26.6	38.1	<b>84</b>	83 13/16	44.9	60.2	<b>119</b>	119	60.1	79.1
<b>15</b>	14 15/16	9.1	12.1	<b>50</b>	—	—	—	<b>85</b>	—	—	—	<b>120</b>	—	—	—
<b>16</b>	—	—	—	<b>51</b>	50 1/16	27.1	38.8	<b>86</b>	85 4/16	45.4	60.8	<b>121</b>	120 6/16	61.1	80.3
<b>17</b>	16 5/16	9.8	12.9	<b>52</b>	51 8/16	28.2	40.2	<b>87</b>	86 10/16	46.2	61.9	<b>122</b>	121 13/16	61.5	80.8
<b>18</b>	17 12/16	11.1	14.6	<b>53</b>	52 14/16	28.7	40.9	<b>88</b>	—	—	—	<b>123</b>	—	—	—
<b>19</b>	—	—	—	<b>54</b>	—	—	—	<b>89</b>	88 1/16	46.6	62.5	<b>124</b>	123 3/16	61.8	81.3
<b>20</b>	19 2/16	11.8	15.4	<b>55</b>	54 5/16	29.2	41.6	<b>90</b>	89 7/16	47.3	63.7	<b>125</b>	124 10/16	62.4	82.2
<b>21</b>	20 9/16	13.1	17.1	<b>56</b>	55 11/16	30.3	42.9	<b>91</b>	90 14/16	47.7	64.3	<b>126</b>	—	—	—
<b>22</b>	21 15/16	13.8	18.0	<b>57</b>	—	—	—	<b>92</b>	—	—	—	<b>127</b>	126	62.8	82.7
<b>23</b>	—	—	—	<b>58</b>	57 2/16	30.8	43.6	<b>93</b>	92 4/16	48.1	64.9	<b>128</b>	127 7/16	63.4	83.7
<b>24</b>	23 6/16	14.5	18.8	<b>59</b>	58 8/16	31.8	45.0	<b>94</b>	93 11/16	48.9	66.0	<b>129</b>	128 13/16	63.8	84.2
<b>25</b>	24 12/16	15.8	20.5	<b>60</b>	59 15/16	32.4	45.7	<b>95</b>	—	—	—	<b>130</b>	—	—	—
<b>26</b>	—	—	—	<b>61</b>	—	—	—	<b>96</b>	95 1/16	49.2	66.6	<b>131</b>	130 4/16	64.1	84.7
<b>27</b>	26 3/16	16.2	21.3	<b>62</b>	61 5/16	32.9	46.4	<b>97</b>	96 8/16	50.0	67.8	<b>132</b>	131 10/16	64.8	85.7
<b>28</b>	27 9/16	16.9	22.8	<b>63</b>	62 12/16	34.0	47.8	<b>98</b>	97 14/16	50.4	68.3	<b>133</b>	—	—	—
<b>29</b>	29	17.2	23.6	<b>64</b>	—	—	—	<b>99</b>	—	—	—	<b>134</b>	133 1/16	65.1	86.2
<b>30</b>	—	—	—	<b>65</b>	64 2/16	34.6	48.4	<b>100</b>	99 5/16	50.9	68.7	<b>135</b>	134 7/16	65.5	86.7
<b>31</b>	30 6/16	17.9	25.2	<b>66</b>	65 9/16	35.8	49.7	<b>101</b>	100 11/16	51.7	69.6	<b>136</b>	135 14/16	65.7	87.0
<b>32</b>	31 13/16	18.3	26.0	<b>67</b>	66 15/16	36.4	50.4	<b>102</b>	—	—	—	<b>137</b>	—	—	—
<b>33</b>	—	—	—	<b>68</b>	—	—	—	<b>103</b>	102 2/16	52.2	70.1	<b>138</b>	137 4/16	65.8	87.2
<b>34</b>	33 3/16	18.6	26.8	<b>69</b>	68 6/16	37.0	51.0	<b>104</b>	103 8/16	53.0	71.0	<b>139</b>	138 11/16	66.2	87.8
<b>35</b>	34 10/16	19.3	28.3	<b>70</b>	69 12/16	38.1	52.4	<b>105</b>	104 15/16	53.5	71.5	<b>140</b>	—	—	—
<b>36</b>	—	—	—	<b>71</b>	—	—	—	<b>106</b>	—	—	—	<b>141</b>	140 1/16	66.4	88.0
<b>37</b>	36	19.7	29.1	<b>72</b>	71 3/16	38.7	53.0	<b>107</b>	106 5/16	53.9	71.9	<b>142</b>	141 8/16	66.8	88.6
<b>38</b>	37 7/16	20.6	30.6	<b>73</b>	72 9/16	39.9	54.3	<b>108</b>	107 12/16	54.7	72.9	<b>143</b>	142 14/16	66.9	88.8
<b>39</b>	38 13/16	21.1	31.2	<b>74</b>	74	40.3	54.9	<b>109</b>	—	—	—	<b>144</b>	—	—	—
<b>40</b>	—	—	—	<b>75</b>	—	—	—	<b>110</b>	109 2/16	55.2	73.3				
<b>41</b>	40 4/16	21.7	31.9	<b>76</b>	75 6/16	41.3	55.9	<b>111</b>	110 9/16	56.2	74.5				
<b>42</b>	41 10/16	22.8	33.3	<b>77</b>	76 13/16	41.7	56.5	<b>112</b>	111 15/16	56.7	75.1				
<b>43</b>	—	—	—	<b>78</b>	—	—	—	<b>113</b>	—	—	—				
<b>44</b>	43 1/16	23.3	34.0	<b>79</b>	78 3/16	42.2	57.0	<b>114</b>	113 6/16	57.2	75.6				
<b>45</b>	44 7/16	24.4	35.3	<b>80</b>	79 10/16	43.1	58.1	<b>115</b>	114 12/16	58.1	76.8				
<b>46</b>	45 14/16	25.0	36.0	<b>81</b>	—	—	—	<b>116</b>	—	—	—				

**Power Consumption**

Tested at Full Power with PS-UNI Series power supplies.

Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

**RGB/RGBW (RGB42/RGBW36)**

Nominal Length (in)	Actual Length	Watts				Nominal Length (in)	Actual Length	Watts				Nominal Length (in)	Actual Length	Watts				Nominal Length (in)	Actual Length	Watts			
		RGBW36		RGB42				RGBW36		RGB42				RGBW36		RGB42				RGBW36		RGB42	
		SO	HO	SO	HO			SO	HO	SO	HO			SO	HO	SO	HO			SO	HO	SO	HO
12	10 11/16	4.0	7.3	4.4	8.6	47	46 2/16	14.4	27.5	16.8	31.3	82	81 9/16	26.1	49.6	29.4	53.8	117	-	-	-	-	
13	12 11/16	4.0	7.3	4.4	8.6	48	-	-	-	-	-	83	-	-	-	-	-	118	117	37.1	66.2	41.3	73.1
14	-	-	-	-	-	49	48 2/16	15.1	28.8	17.5	32.7	84	83 9/16	26.8	50.8	30.0	55.0	119	119	37.8	67.5	41.9	74.0
15	14 10/16	4.5	8.5	5.2	10.0	50	-	-	-	-	-	85	-	-	-	-	-	120	-	-	-	-	
16	-	-	-	-	-	51	50 1/16	15.8	30.0	18.3	34.0	86	85 8/16	27.4	51.9	30.7	56.2	121	120 15/16	38.6	68.7	42.6	74.9
17	16 10/16	5.1	9.7	5.9	11.3	52	-	-	-	-	-	87	-	-	-	-	-	122	-	-	-	-	
18	-	-	-	-	-	53	52 1/16	16.4	31.2	18.9	35.1	88	87 8/16	28.0	52.9	31.4	57.3	123	122 15/16	39.2	69.7	43.2	75.3
19	18 9/16	5.6	10.9	6.7	12.6	54	-	-	-	-	-	89	-	-	-	-	-	124	-	-	-	-	
20	-	-	-	-	-	55	54	17.0	32.4	19.6	36.3	90	89 7/16	28.6	53.8	32.2	58.4	125	124 14/16	39.7	70.7	43.8	75.7
21	20 9/16	6.2	12.1	7.4	13.9	56	56	17.6	33.5	20.3	37.5	91	-	-	-	-	-	126	-	-	-	-	
22	-	-	-	-	-	57	-	-	-	-	-	92	91 7/16	29.2	54.8	32.9	59.5	127	126 14/16	40.3	71.7	44.4	76.1
23	22 8/16	6.7	13.3	8.2	15.2	58	57 15/16	18.2	34.7	21.0	38.7	93	-	-	-	-	-	128	-	-	-	-	
24	-	-	-	-	-	59	-	-	-	-	-	94	93 6/16	29.9	55.8	33.6	60.5	129	128 13/16	40.8	72.8	45.0	76.6
25	24 8/16	7.3	14.5	8.9	16.6	60	59 15/16	18.9	35.9	21.7	39.8	95	-	-	-	-	-	130	-	-	-	-	
26	-	-	-	-	-	61	-	-	-	-	-	96	95 6/16	30.2	56.3	34.0	61.1	131	130 13/16	41.4	73.8	45.6	77.0
27	26 7/16	8.0	15.7	9.6	18.0	62	61 14/16	19.5	37.1	22.4	41.1	97	-	-	-	-	-	132	-	-	-	-	
28	-	-	-	-	-	63	-	-	-	-	-	98	97 5/16	30.8	57.2	34.7	62.2	133	132 12/16	41.9	74.8	46.3	77.4
29	28 7/16	8.6	17.0	10.4	19.4	64	63 14/16	20.2	38.4	23.2	42.4	99	-	-	-	-	-	134	-	-	-	-	
30	-	-	-	-	-	65	-	-	-	-	-	100	99 5/16	31.3	57.9	35.4	63.4	135	134 12/16	42.5	75.5	46.8	78.1
31	30 6/16	9.3	18.2	11.1	20.7	66	65 13/16	20.8	39.7	24.0	43.7	101	-	-	-	-	-	136	-	-	-	-	
32	-	-	-	-	-	67	-	-	-	-	-	102	101 4/16	31.9	58.6	36.0	64.7	137	136 11/16	43.1	76.3	47.3	78.8
33	32 6/16	9.7	18.8	11.5	21.4	68	67 13/16	21.5	41.0	24.7	45.1	103	-	-	-	-	-	138	-	-	-	-	
34	-	-	-	-	-	69	-	-	-	-	-	104	103 4/16	32.4	59.3	36.7	65.9	139	138 11/16	43.7	77.0	47.8	79.6
35	34 5/16	10.3	20.0	12.2	22.8	70	69 12/16	22.1	42.3	25.5	46.4	105	-	-	-	-	-	140	-	-	-	-	
36	-	-	-	-	-	71	-	-	-	-	-	106	105 3/16	32.9	60.0	37.3	67.2	141	140 10/16	44.3	77.7	48.3	80.3
37	36 5/16	11.0	21.3	13.0	24.2	72	71 12/16	22.8	43.5	26.3	47.8	107	-	-	-	-	-	142	-	-	-	-	
38	-	-	-	-	-	73	-	-	-	-	-	108	107 3/16	33.5	60.7	38.0	68.4	143	142 10/16	44.9	78.5	48.8	81.0
39	38 4/16	11.7	22.5	13.7	25.6	74	73 11/16	23.5	44.8	26.9	49.0	109	-	-	-	-	-	144	-	-	-	-	
40	-	-	-	-	-	75	-	-	-	-	-	110	109 2/16	34.0	61.4	38.6	69.7						
41	40 4/16	12.4	23.8	14.5	27.0	76	75 11/16	24.1	46.0	27.6	50.2	111	-	-	-	-	-						
42	-	-	-	-	-	77	-	-	-	-	-	112	111 2/16	34.8	62.6	39.3	70.5						
43	42 3/16	13.1	25.0	15.2	28.5	78	77 10/16	24.8	47.2	28.2	51.4	113	-	-	-	-	-						
44	-	-	-	-	-	79	-	-	-	-	-	114	113 1/16	35.6	63.8	39.9	71.4						
45	44 3/16	13.8	26.3	16.0	29.9	80	79 10/16	25.4	48.4	28.8	52.6	115	-	-	-	-	-						
46	-	-	-	-	-	81	-	-	-	-	-	116	115 1/16	36.3	65.0	40.6	72.3						

**Power Consumption**

Tested at Full Power with PS-UNI Series power supplies.

Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

**PIXEL (RGBX18/RGBWX18)**

Nominal Length (in)	Actual Length	Watts		Nominal Length (in)	Actual Length	Watts		Nominal Length (in)	Actual Length	Watts		Nominal Length (in)	Actual Length	Watts	
		RGBX18	RGBWX18			RGBX18	RGBWX18			RGBX18	RGBWX18			RGBX18	RGBWX18
		SO	SO			SO	SO			SO	SO			SO	SO
<b>12</b>	8 12/16	4.6	5.7	<b>47</b>	--	--	--	<b>82</b>	--	--	--	<b>117</b>	--	--	--
<b>13</b>	12 11/16	4.6	5.7	<b>48</b>	--	--	--	<b>83</b>	--	--	--	<b>118</b>	--	--	--
<b>14</b>	--	--	--	<b>49</b>	48 2/16	17.4	21.9	<b>84</b>	83 9/16	29.8	37.1	<b>119</b>	119	40.9	51.2
<b>15</b>	--	--	--	<b>50</b>	--	--	--	<b>85</b>	--	--	--	<b>120</b>	--	--	--
<b>16</b>	--	--	--	<b>51</b>	--	--	--	<b>86</b>	--	--	--	<b>121</b>	--	--	--
<b>17</b>	16 10/16	6.1	7.5	<b>52</b>	--	--	--	<b>87</b>	--	--	--	<b>122</b>	--	--	--
<b>18</b>	--	--	--	<b>53</b>	52 1/16	18.9	23.7	<b>88</b>	87 8/16	31.1	38.7	<b>123</b>	122 15/16	42.1	52.8
<b>19</b>	--	--	--	<b>54</b>	--	--	--	<b>89</b>	--	--	--	<b>124</b>	--	--	--
<b>20</b>	--	--	--	<b>55</b>	--	--	--	<b>90</b>	--	--	--	<b>125</b>	--	--	--
<b>21</b>	20 9/16	7.6	9.4	<b>56</b>	56	20.3	25.4	<b>91</b>	--	--	--	<b>126</b>	--	--	--
<b>22</b>	--	--	--	<b>57</b>	--	--	--	<b>92</b>	91 7/16	32.4	40.3	<b>127</b>	126 14/16	43.3	54.3
<b>23</b>	--	--	--	<b>58</b>	--	--	--	<b>93</b>	--	--	--	<b>128</b>	--	--	--
<b>24</b>	--	--	--	<b>59</b>	--	--	--	<b>94</b>	--	--	--	<b>129</b>	--	--	--
<b>25</b>	24 8/16	9.1	11.3	<b>60</b>	59 15/16	21.7	27.1	<b>95</b>	--	--	--	<b>130</b>	--	--	--
<b>26</b>	--	--	--	<b>61</b>	--	--	--	<b>96</b>	95 6/16	33.4	41.6	<b>131</b>	130 13/16	44.5	55.9
<b>27</b>	--	--	--	<b>62</b>	--	--	--	<b>97</b>	--	--	--	<b>132</b>	--	--	--
<b>28</b>	--	--	--	<b>63</b>	--	--	--	<b>98</b>	--	--	--	<b>133</b>	--	--	--
<b>29</b>	28 7/16	10.6	13.2	<b>64</b>	63 14/16	23.0	28.8	<b>99</b>	--	--	--	<b>134</b>	--	--	--
<b>30</b>	--	--	--	<b>65</b>	--	--	--	<b>100</b>	99 5/16	34.6	43.2	<b>135</b>	134 12/16	45.7	57.4
<b>31</b>	--	--	--	<b>66</b>	--	--	--	<b>101</b>	--	--	--	<b>136</b>	--	--	--
<b>32</b>	--	--	--	<b>67</b>	--	--	--	<b>102</b>	--	--	--	<b>137</b>	--	--	--
<b>33</b>	32 6/16	11.7	14.6	<b>68</b>	67 13/16	24.4	30.5	<b>103</b>	--	--	--	<b>138</b>	--	--	--
<b>34</b>	--	--	--	<b>69</b>	--	--	--	<b>104</b>	103 4/16	35.9	44.8	<b>139</b>	138 11/16	46.9	58.9
<b>35</b>	--	--	--	<b>70</b>	--	--	--	<b>105</b>	--	--	--	<b>140</b>	--	--	--
<b>36</b>	--	--	--	<b>71</b>	--	--	--	<b>106</b>	--	--	--	<b>141</b>	--	--	--
<b>37</b>	36 5/16	13.1	16.5	<b>72</b>	71 12/16	25.8	32.3	<b>107</b>	--	--	--	<b>142</b>	--	--	--
<b>38</b>	--	--	--	<b>73</b>	--	--	--	<b>108</b>	107 3/16	37.2	46.4	<b>143</b>	142 10/16	48.0	60.4
<b>39</b>	--	--	--	<b>74</b>	--	--	--	<b>109</b>	--	--	--	<b>144</b>	--	--	--
<b>40</b>	--	--	--	<b>75</b>	--	--	--	<b>110</b>	--	--	--				
<b>41</b>	40 4/16	14.6	18.3	<b>76</b>	75 11/16	27.1	33.9	<b>111</b>	--	--	--				
<b>42</b>	--	--	--	<b>77</b>	--	--	--	<b>112</b>	111 2/16	38.4	48.0				
<b>43</b>	--	--	--	<b>78</b>	--	--	--	<b>113</b>	--	--	--				
<b>44</b>	--	--	--	<b>79</b>	--	--	--	<b>114</b>	--	--	--				
<b>45</b>	44 3/16	16.0	20.1	<b>80</b>	79 10/16	28.4	35.5	<b>115</b>	--	--	--				
<b>46</b>	--	--	--	<b>81</b>	--	--	--	<b>116</b>	115 1/16	39.7	49.6				



### Voltage Drop Calculator

The below chart assumes nominal voltage of 24 Volts and a Voltage Drop Allowance of 3% through the wire

Wattage [W]	Maximum Wire Length From Power Supply to Start of Run [ft]						
	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG	22 AWG	24 AWG
5	1088.2	684.4	430.3	270.6	170.2	107.1	67.3
10	544.1	342.2	215.1	135.3	85.1	53.5	33.7
15	362.7	228.1	143.4	90.2	56.7	35.7	22.4
20	272.0	171.1	107.6	67.7	42.6	26.8	16.8
25	217.6	136.9	86.1	54.1	34.0	21.4	13.5
30	181.4	114.1	71.7	45.1	28.4	17.8	11.2
35	155.5	97.8	61.5	38.7	24.3	15.3	9.6
40	136.0	85.5	53.8	33.8	21.3	13.4	8.4
45	120.9	76.0	47.8	30.1	18.9	11.9	7.5
50	108.8	68.4	43.0	27.1	17.0	10.7	6.7
55	98.9	62.2	39.1	24.6	15.5	9.7	6.1
60	90.7	57.0	35.9	22.6	14.2	8.9	5.6
65	83.7	52.6	33.1	20.8	13.1	8.2	5.2
70	77.7	48.9	30.7	19.3	12.2	7.6	4.8
75	72.5	45.6	28.7	18.0	11.3	7.1	4.5
80	68.0	42.8	26.9	16.9	10.6	6.7	4.2
85	64.0	40.3	25.3	15.9	10.0	6.3	4.0
90	60.5	38.0	23.9	15.0	9.5	5.9	3.7
96	56.7	35.6	22.4	14.1	8.9	5.6	3.5

### T-Grid Compatibility

Brand	Type	Part Number	Description
USG*	9/16	208257	DX/DXL-24 SUSPENSION FLAT WHITE
	15/16	215673	DONN AX SUSPENSION
	15/16	272638	DXCE FLAT WHITE
	15/16	207901	M7 OVERLAPPING
ARM-STRONG	9/16	BPGZ068	SURPRAFINE XL HRC
	15/16	BPGZ051	PRELUDE XL HRC EXPOSED TEE SYSTEM
	15/16	BPGZ044	PRELUDE ML EXPOSED TEE SYSTEM
	15/16	BPGZ046	PRELUDE XL FIRE EXPOSED TEE SYSTEM

**\* Statement of Compatibility from USG:**

Luminii's fixtures at 0.25lbs/ft can be fully supported by the USG grids listed in the table above and do not require any additional structural support or modifications to the grid system as long as the overall ceiling weight including specified fixtures and/or any other components supported by the grid does not cross the allowed ceiling weight per state building structural codes.

## Power Supplies

See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

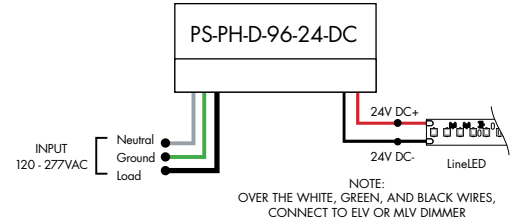
### For use with Warm Dim,

#### Ordering Code Phase Dimming Power Supply 1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	OUTPUT CONTROL
PS - Power Supply, 120-277VAC	PH - Phase Dimming (Triac, ELV, MLV)	D - Dry	96 - 96 Watts	24 - 24 VDC	DC - Direct Current

MLV/ELV/TRIAC - 1% dimming, consult dimming compatibility chart [\(Link\)](#)

MODELS	96W
Length	8.25"
Width	4.10"
Depth	1.56"

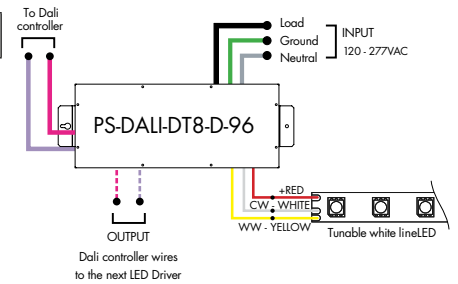


### For use with Tunable White,

#### Ordering Code DALI2 Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	OUTPUT CONTROL
PS - Power Supply, 120-277VAC	DALI-DT8 - DALI DT8 Tunable White (0.1%)	D - Dry	96 - 96 Watts	24 - 24 VDC	PWM - Pulse Width Modulation

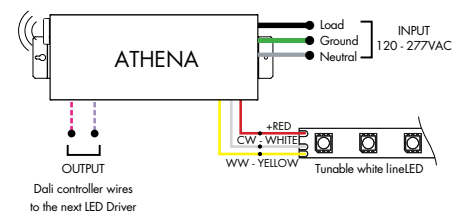
MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"



### Athena DALI2-DT8 LED Driver

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	FEATURE
PS - Power Supply, 120-277VAC	DALI-DT8 - DALI DT8 Tunable White	D - Dry	96 - 96 W	24 - 24 VDC	AWNR - Athena

MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"



## Power Supplies

See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

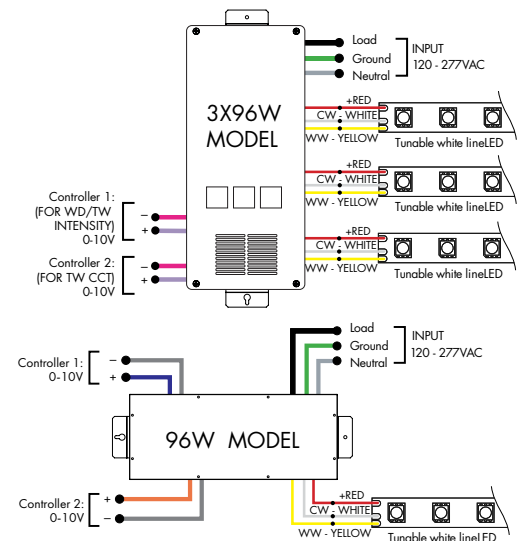
### For use with Tunable White,

## Ordering Code VintageDim® 0 - 10V Dimming Power Supplies 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	010V-WD - 0-10V Dimming, Standard Warm Dim Curve (with Tunable White LED) 010V-TW - 0-10V Dimming, Two Channel Control, Brightness and CCT1-CCT2 Ratio 010V-2CH - 0-10V Dimming, Two Channel Control, LED1 Brightness and LED2 Brightness 010V-WDX - 0-10V Dimming, Customizable Warm Dim Curve (with Tunable White LED) 010V-2CHX - 0-10V Dimming, Two Channel Control, Customizable Brightness and CCT1-CCT2 Ratio	D-Dry	96 - 96 Watts 3X96 - 3x96 Watts <sup>1</sup>	24 - 24 VDC

1 - 3x96 is only available with input control options 010V-WD and 010V-TW  
 2 - Athena only available on 96 watts option

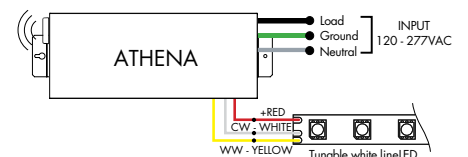
MODELS	96W	3X96
Length	14.40"	15.00"
Width	5.20"	6.62"
Depth	2.60"	4.56"



### Athena 0-10V Warm Dim LED Driver

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	FEATURE
PS - Power Supply, 120-277VAC	010V-WD - 0-10V Dimming, Standard Warm Dim Curve (with Dynamic White LED)	D-Dry	96-96 W	24-24 VDC	AWNDR-Athena

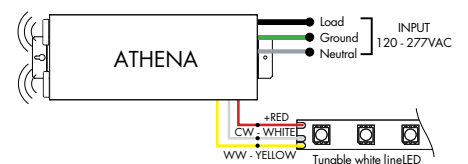
MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"



### Athena 0-10V Two Channel LED Driver

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	FEATURE
PS - Power Supply, 120-277VAC	010V-2CH - 0-10V Dimming Two Channel Control, LED1 Brightness and LED2 Brightness	D-Dry	96-96 W	24-24 VDC	AWNDR-Athena

MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"



### Power Supplies

See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

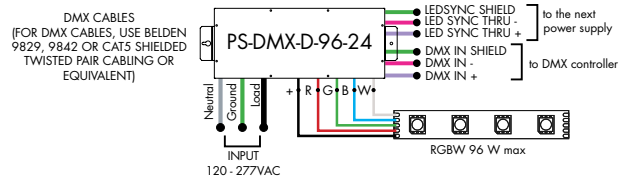
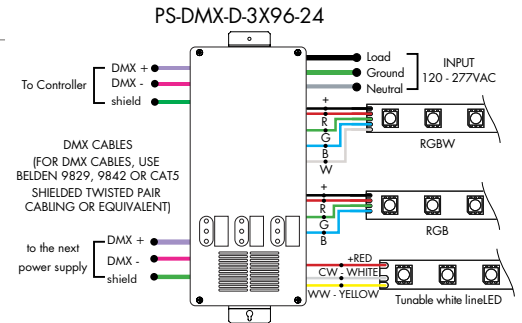
**For use with RGB/RGBW, RGB42/RGBW36 or with Tunable White,**

Requires Controller

#### Ordering Code DMX Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS-Power Supply, 120-277VAC	DMX-DMX (0.1%)	D-Dry	96-96 Watts 3X96-3X96 Watts	24-24 VDC

MODELS	96W	3X96
<b>Length</b>	14.40"	15.00"
<b>Width</b>	5.20"	6.62"
<b>Depth</b>	2.60"	4.56"



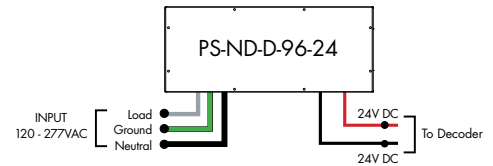
**For use with RGB/RGBW/Pixel, RGB42/RGBW36/RGBX18/RGBWX18**

Requires Controller and Decoder

#### Ordering Code Non-Dimming Power Supply 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS-Power Supply, 120-277VAC	ND-Non Dimming	D-Dry	96-96 Watts	24-24 VDC

MODELS	96W
<b>Length</b>	14.40"
<b>Width</b>	5.20"
<b>Depth</b>	2.60"



**For use with RGB/RGBW/Pixel, RGB42/RGBW36/RGBX18/RGBWX18**

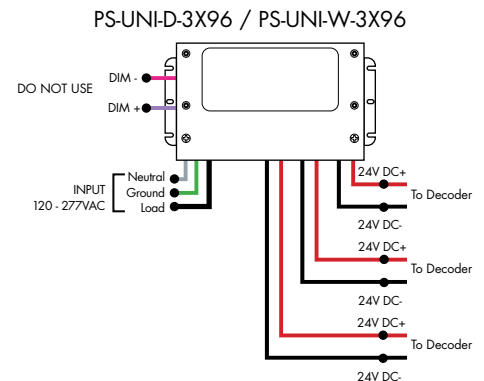
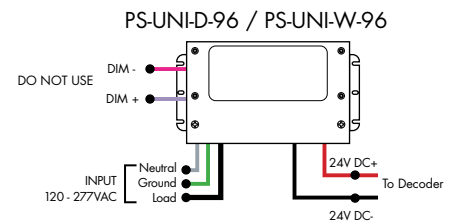
Requires Controller and Decoder

#### Ordering Code Universal Dimming Power Supplies 1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS-Power Supply, 120-277VAC	UNI-0-10V Dimming, Phase Dimming	D-Dry W-Wet	30-30 Watts 60-60 Watts 96-96 Watts 3x96-3x96 Watts	24-24 VDC

Compatibility: View a complete list of compatible dimmers on product page [\(Link\)](#)

0-10V - 1% dimming  
MLV/ELV/TRIAC - 1% dimming, consult dimming compatibility chart



MODELS	PS-UNI-W-30W	PS-UNI-W-60W	PS-UNI-W-96W	PS-UNI-W-3X96W
<b>Length</b>	6.50"	7.40"	8.66"	11.85"
<b>Width</b>	3.73"	3.73"	3.73"	4.32"
<b>Depth</b>	1.61"	1.61"	1.61"	1.81"

MODELS	PS-UNI-D-30W	PS-UNI-D-60W	PS-UNI-D-96W	PS-UNI-D-3X96W
<b>Length</b>	8.77"	8.77"	8.11"	9.94"
<b>Width</b>	4.27"	4.27"	5.60"	7.61"
<b>Depth</b>	1.83"	1.83"	1.83"	2.02"

**Controllers and Decoders**

**For use with Tunable White Power Supplies**



MODEL

**DTW-MC**

DTW-MC - Tunable White controller

Tunable White wall-mount controller controls lighting fixtures, wireless control of TW lighting fixture. Fits in any standard US switch box. Includes all the outputs in the back of the controller.

**Features**

- Switch & dimming control function, control range > 20M.
- Smooth transition between light levels.
- Separately operate dimming and color temperature functions.
- Able to control 1 zone with endless receivers. Each receiver can maximally be controlled by 8 remotes.
- Power, temperature color and dimming functions operated by push button after receivers are connected.

**Operating Voltage**

3V DC battery

**Color Parameters**

- Brightness
- Saturation
- Fading



MODEL

**TW-DMX**

TW-DMX - DMX controller

Tunable White DMX wall-mount controller is a fully touch sensitive controller designed in accordance with standard protocol DMX512. Offers fast and accurate color temperature adjustment and brightness dimming of natural white, warm white and cold white. Designed with a touch color wheel, the DMX512 controller can adjust color temperature and brightness for all white LEDs smoothly and accurately. The DMX controller can control 1 zone with endless decoders.

**Features**

- 1 zone
- 6 color scenes
- DMX Control
- Touch Sensitive Glass Surface
- Dimming and Speed Control
- Memory Function
- Easily Fits Standard US Switch Boxes

**Operating Voltage**

12 - 24V DC

**Color Parameters**

- Brightness
- Saturation
- Primary colors
- Fading
- Color changing speed



MODEL

**SLD-DIMTW**

SLD-DIMTW - Tunable white LED dimming module

The SLD DimTW is a constant voltage warm dimming LED dimming module. The unique dimming module accepts 0-10V control and mimics a smooth, incandescent dimming curve.

**Features**

- Flicker free 0-100% dimming
- High efficiency up to 97%
- High precision dimming ratio:>1:1000
- Fully isolated plastic housing
- Comply with EN55015 and FCC part 15 without additional input filter and capacitors
- compact size, high reliability
- 3 years warranty

**Operating Voltage**

8-48 VDC

## Controllers and Decoders

### For use with Tunable White, RGB/RGBW Power Supplies



MODEL

**RGBW-RC-R**

RGBW-RC-R - RGBW receiver

The RGBW receiver is easily paired with controller by the click of a button. Receiver can be reset to factory settings at any time.

Each receiver can store one static RGB color, one color sequence, and one brightness setting for the white LED strip. Receivers assigned to the same scene within the same zone will have the same LED static color and color sequence.

**Operating Voltage**  
12-36 VDC

**Power Capacity**  
up to 96W at 24V

**Operating Temperature Range**  
from -4°F to +122°F in case



MODEL

**RGBW-SR**

RGBW-SR - RGBW signal repeater

Extends identical signal when connected in series to an RGBW LED control system. The RGBW signal repeater works with Luminii RGB and RGBW controllers, receivers, and decoders.

RGBW signal can be extended indefinitely when adequate power supply (not included) is connected to the system.

**Operating Voltage**  
12-36 VDC

**Power Capacity**  
up to 96W at 24V

**Operating Temperature Range**  
from -4°F to +122°F in case



MODEL

**DDMX-RGBW**

DDMX-RGBW - DMX decoder

Translates controller DMX512 programs for RGB and white LED strips.

Unique DMX address for the decoder can be set easily and displayed by the numeric display on the case. Changing and resetting the DMX address requires manual input.

Use power repeater to expand output.

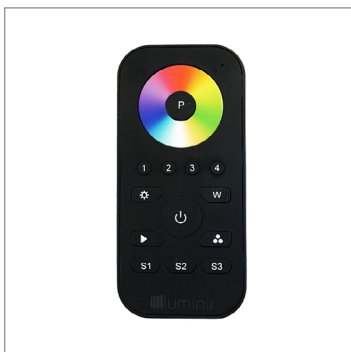
**Operating Voltage**  
12-36 VDC

**Power Capacity**  
up to 96W at 24V

**Operating Temperature Range**  
from -4°F to +122°F in case

## Controllers and Decoders

### For use with RGB/RGBW Power Supplies



MODEL

**RGBW-MC3**

RGBW-MC3 - 4-zone RGBW controller

Easy to operate wireless interface suitable for static or color changing scenes. Control 4 different color zones separately or at the same time. RGBW receiver (RGBW-RC-R) required for operation. Assign multiple receivers per zone to cover a large area.

Color wheel enables highly stable and sensitive color control functionality. Create your own color changing sequences with ease and flexibility.

**Power**

qty 3 AAA batteries

**Scenes**

up to 4 unique zones

**Signal**

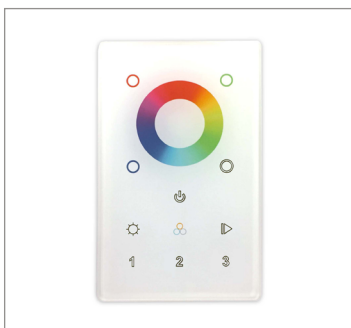
Wireless (RF)

**Energy Saving**

Deactivates after 10 seconds of inactivity

**Color Parameters**

- Brightness
- Saturation
- Primary colors
- Speed of color changing sequence
- Fading



MODEL

ZONES

COLOR

DMX - DMX Controller

3Z - Three Zone  
1Z - One Zone

RGBW - Red, Green, Blue, & White

DMX /Wireless RGB-W wall-mount controller controls DMX lighting fixtures, wireless control of RGB-W lighting fixture or use both simultaneously. Fits in any standard US switch box. Includes all the outputs in the back of the controller.

Control brightness levels with a single touch, personalize and memorize 3 different scenes, and even create 3 variations of white.

**Features**

- 2 in 1 in-Wall Controller: DMX Control or Wireless RGB-W
- 65,000 Color Options, Dimming and Speed Control
- Memory Function
- 50 Foot Wireless Range
- Easily Fits Standard US Switch Boxes
- Touch Sensitive Glass Surface
- Includes 10 Built in Programs, or Create and Play Your Own

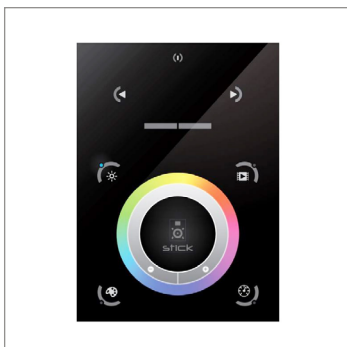
**Operating Voltage**

12 - 24V DC

**Color Parameters**

- Brightness
- Saturation
- Primary colors
- Fading
- Color changing speed

### For use with Tunable White, RGB/RGBW, Pixel Power Supplies



MODEL

**TSDMX-E**

TSDMX-E - Touchscreen DMX controller

Programmable advanced DMX512 lighting controller featuring a touch-screen interface. Operates as stand alone controller or integrated with most architectural lighting control systems. Can controller endless DMX512 enabled devices.

Mounts to standard single or dual gang wall box with the included power supply inside the junction box. Terminal block design for power and data connections.

**Features**

- Sleek glass design which sits 0.43" from the wall
- Graphical color display to show selected environment
- Color/dimmer/speed palette
- Color temperature mixing
- Touch sensitive buttons. No mechanical parts
- Touch sensitive wheel allows for accurate color selection
- Multi-zone microSD memory
- Multi-room control with 500 scenes, 10 zones
- 1024 DMX channels. Control 340 RGB fixtures
- USB & Ethernet connectivity for programming and control

**Power Supply**

7 VDC (included)

**Programmability**

PC, Mac, Tablet, Smartphone

**Output Signal**

DMX512 (1024 channels)

**Color Parameters**

- Brightness
- Saturation
- Speed of color changing sequence
- Fading / dimming / brightness

## Controllers and Decoders

### For use with Pixel Power Supplies



MODEL

**SR-DMX-SPI**

SR-DMX-SPI - Smart Pixel Decoder

The SR-DMX-SPI is a smart LED pixel decoder that controls RGB/RGBW pixel LED strips with SPI signal. Designed with an OLED backlit panel, the pixel controller allows for easy configuration of most settings. Four push buttons are available for control of the LED functions.  
\*For pixel only.

#### Features

- 2 in 1 in-Wall Controller: DMX Control or Wireless RGB-W
- SPI signal output for RGB/RGBW pixel light control
- DMX512 controllable and RF/WIFI remote controllable
- Capable of addressing up to 1020 RGB pixels & 765 RGBW pixels
- OLED panel allows for easy configuration

#### Operating Voltage

12 - 36V DC

#### Power capacity

up to 96W at 24V

#### Operating temperature range

from -4°F to +122°F in case

### For use with Tunable White, RGB/RGBW Power Supplies



MODEL

**DDMX-5CH-RDM-PRO**

DDMX-5CH-RDM-PRO-DMX512 Decoder

DMX512 decoder with RDM functionality features 5 PWM output channels with common anode. High PWM output frequency range allows the product to be used in HD video conferencing spaces. All DMX products to be installed per DMX512 Standard.

#### Power

96 Watt

#### Inputs

RJ45, XLR-5Pin, Terminal Block

#### DMX Channels

1 to 5 settable

#### PWM Output Resolution Ratio

8 or 16 bit

#### PWM Output Frequency

500Hz - 30KHz

#### Output Dimming Curve Gamma Value

0.1 ~ 9.9



MODEL

**RGBW-WI-R**

RGBW-WI-R - WiFi generator

RGBW-WI-R creates a local network that enables any electronic device (phone, tablet, etc.) to control the RGB/W strip connected to a RGBW-RC-R receiver.

The control functions are achieved through a free application download for Android and iOS devices called REALCOLOR.

#### Operating Voltage

12-36 VDC

#### Power Supply

PI-130-24 (included)

#### Operating Temperature Range

from -4°F to +122°F in case