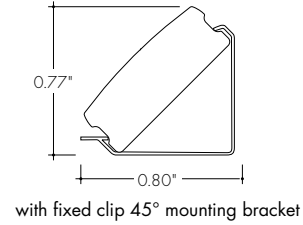
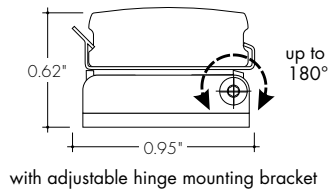
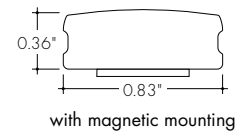
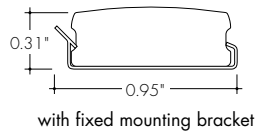
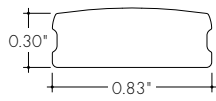


Product Dimensions



Finish Options

- Finish options are available in a wide variety, allowing for complete customization of style and aesthetic.
- Non Silver Anodized finishes may have extended lead times.
- Polished Gold finishes have a maximum fixture length of 48", and Chrome finishes have a maximum fixture length of 72".
- Custom RALs are available, please consult Inside Sales with specific request.

Silver Anodized



Silver Anodized is a soft silver with a clear finish.

Black



Black is a true deep black with a glossy finish.

Bronze



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

White



White is a polar bright white and field paintable.

Matte Black



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

Warm Nickel



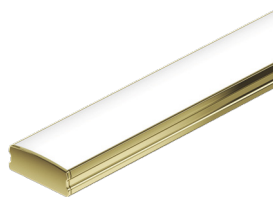
Warm Nickel is a soft, silvery smoke with warm tones and a satin finish.

Aged Brass



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

Polished Gold



Polished Gold is bright and radiant for a brilliant finish.

Chrome

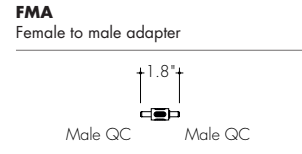
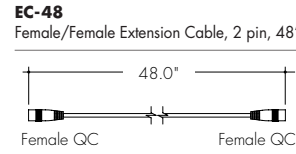
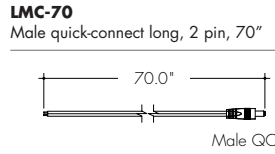
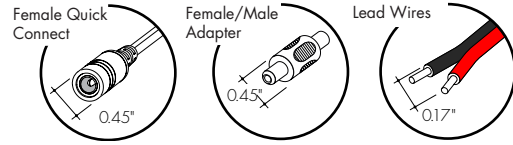


Chrome is a highly reflective silver polish.

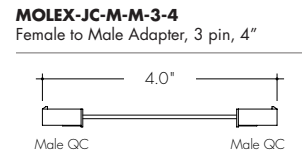
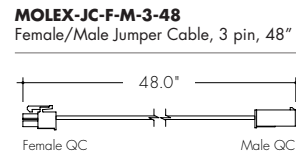
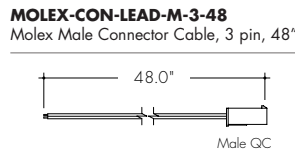
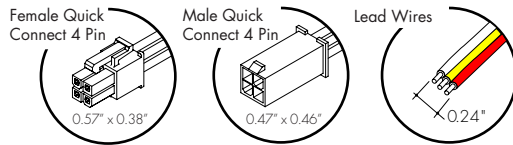
Powerfeeds and Connectors

Linking and Extension Cable Options

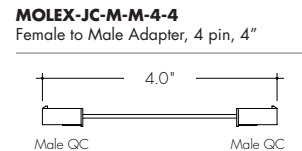
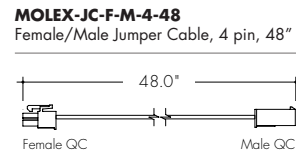
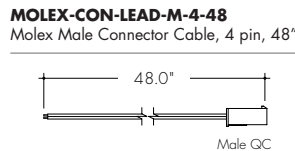
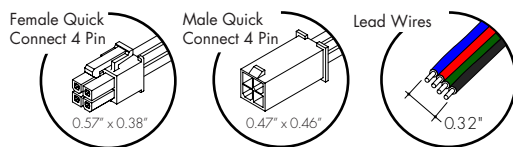
For use with Warm Dim (WD68):



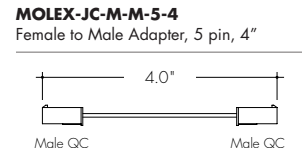
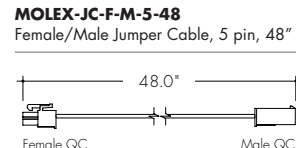
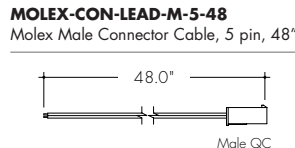
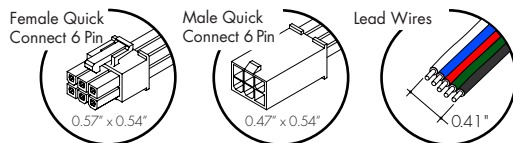
For use with Dynamic White (DW60X2), RGB Pixel (RGBX18) and RGBW Pixel (RGBWX18):



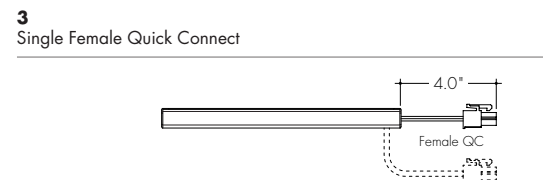
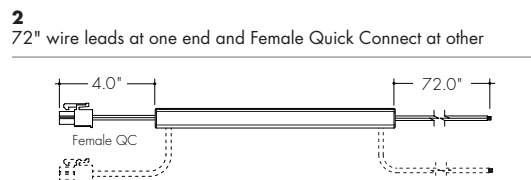
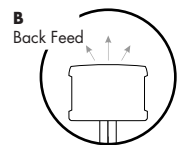
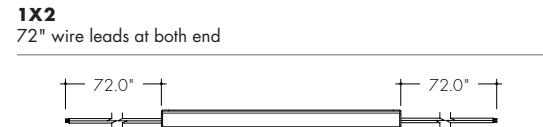
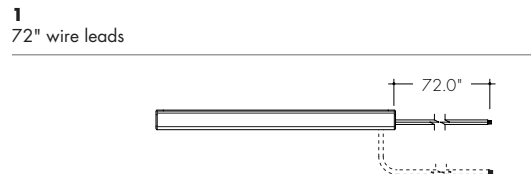
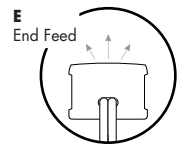
For use with RGB (RGB42):



For use with RGBW (RGBW36):

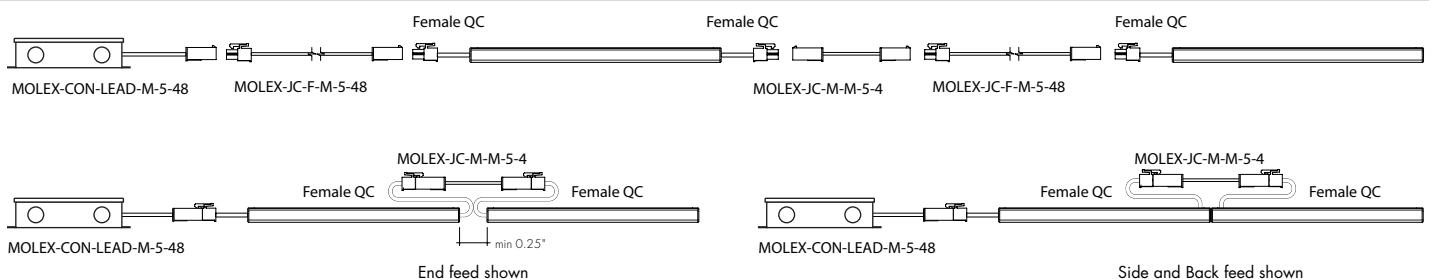


Powerfeeds Position/Type



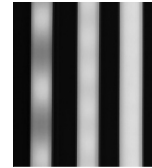
Side and Back feeds shown as dashed lines
All wires are 18 AWG unless otherwise specified

Sample Layout



Lens Option / Light Transmission

| Output Options | Lens | | |
|--------------------------------|------------|-------------------|--------------|
| | Clear Lens | Half-Frosted Lens | Frosted Lens |
| WD68SO - 27K | CD | CD | ND |
| WD68SO - 19K | CD | CD | CD |
| DW60X2HO (All On) | CD | CD | SD |
| DW60X2HO (1-Channel) | CD | CD | CD |
| DW60X2VHO (All On) | CD | CD | SD |
| DW60X2VHO (1-Channel) | CD | CD | CD |
| RGBW36SO | CD | CD | CD |
| RGBW36HO | CD | CD | CD |
| RGB42SO | CD | CD | CD |
| RGB42HO | CD | CD | CD |
| RGBWX18SO | CD | CD | CD |
| RGBX18SO | CD | CD | CD |
| Transmission Percentage | 100% | 83% | 63% |

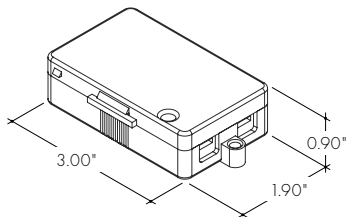


CD **SD** **ND**
CD - Clear Dotting
SD - Slight Dotting
ND - No Dotting

Accessory Options

LVSP-4T-BK

Low Voltage, 4 Terminal Splice Box, Black



Power Consumption

Tested at Full Power with PDC Series power supplies.

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

Warm Dim (WD68)

| 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 | 4.6 | 47 | — | — | 82 | — | — | 117 | 116 8/16 | 47.5 |
| 13 | — | — | 48 | 47 10/16 | 21.0 | 83 | 82 1/16 | 34.8 | 118 | — | — |
| 14 | 13 3/16 | 5.8 | 49 | — | — | 84 | — | — | 119 | 119 | 48.3 |
| 15 | — | — | 50 | — | — | 85 | 84 9/16 | 35.7 | 120 | — | — |
| 16 | 15 10/16 | 6.9 | 51 | 50 1/16 | 22.0 | 86 | — | — | 121 | — | — |
| 17 | — | — | 52 | — | — | 87 | 87 | 36.7 | 122 | 121 7/16 | 49.1 |
| 18 | — | — | 53 | 52 9/16 | 23.0 | 88 | — | — | 123 | — | — |
| 19 | 18 2/16 | 8.0 | 54 | — | — | 89 | — | — | 124 | 123 15/16 | 49.9 |
| 20 | — | — | 55 | — | — | 90 | 89 7/16 | 37.6 | 125 | — | — |
| 21 | 20 9/16 | 9.1 | 56 | 55 | 24.1 | 91 | — | — | 126 | — | — |
| 22 | — | — | 57 | — | — | 92 | 91 15/16 | 38.6 | 127 | 126 6/16 | 50.6 |
| 23 | — | — | 58 | 57 8/16 | 25.1 | 93 | — | — | 128 | — | — |
| 24 | 23 | 10.2 | 59 | — | — | 94 | — | — | 129 | 128 13/16 | 51.5 |
| 25 | — | — | 60 | 59 15/16 | 26.1 | 95 | 94 6/16 | 39.6 | 130 | — | — |
| 26 | 25 8/16 | 11.3 | 61 | — | — | 96 | — | — | 131 | — | — |
| 27 | — | — | 62 | — | — | 97 | 96 13/16 | 40.5 | 132 | 131 5/16 | 52.5 |
| 28 | 27 15/16 | 12.3 | 63 | 62 6/16 | 27.1 | 98 | — | — | 133 | — | — |
| 29 | — | — | 64 | — | — | 99 | — | — | 134 | 133 12/16 | 53.3 |
| 30 | — | — | 65 | 64 14/16 | 28.0 | 100 | 99 5/16 | 41.4 | 135 | — | — |
| 31 | 30 6/16 | 13.4 | 66 | — | — | 101 | — | — | 136 | — | — |
| 32 | — | — | 67 | — | — | 102 | 101 12/16 | 42.2 | 137 | 136 3/16 | 54.2 |
| 33 | 32 14/16 | 14.5 | 68 | 67 5/16 | 29.0 | 103 | — | — | 138 | — | — |
| 34 | — | — | 69 | — | — | 104 | — | — | 139 | 138 11/16 | 54.8 |
| 35 | — | — | 70 | 69 12/16 | 30.0 | 105 | 104 4/16 | 43.0 | 140 | — | — |
| 36 | 35 5/16 | 15.6 | 71 | — | — | 106 | — | — | 141 | — | — |
| 37 | — | — | 72 | — | — | 107 | 106 11/16 | 43.9 | 142 | 141 2/16 | 55.4 |
| 38 | 37 13/16 | 16.7 | 73 | 72 4/16 | 30.9 | 108 | — | — | 143 | — | — |
| 39 | — | — | 74 | — | — | 109 | — | — | 144 | 143 9/16 | 56.2 |
| 40 | — | — | 75 | 74 11/16 | 32.0 | 110 | 109 2/16 | 44.8 | | | |
| 41 | 40 4/16 | 17.8 | 76 | — | — | 111 | — | — | | | |
| 42 | — | — | 77 | — | — | 112 | 111 10/16 | 45.8 | | | |
| 43 | 42 11/16 | 18.9 | 78 | 77 2/16 | 33.1 | 113 | — | — | | | |
| 44 | — | — | 79 | — | — | 114 | — | — | | | |
| 45 | — | — | 80 | 79 10/16 | 33.9 | 115 | 114 1/16 | 46.6 | | | |
| 46 | 45 3/16 | 20.0 | 81 | — | — | 116 | — | — | | | |

Power Consumption

Tested at Full Power with PDC Series power supplies.

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

Dynamic White (DW60X2)

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

Power Consumption

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

Power Supplies

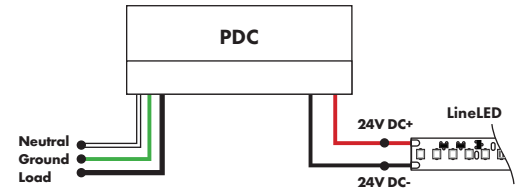
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

For use with Warm Dim, WD68

Triac, MLV, & ELV Compatible Dimmers

| MODEL | POWER | OUTPUT |
|---------------------------|---------------|-------------|
| PDC - (IP20) Power Supply | 96 - 96 Watts | 24 - 24 VDC |

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

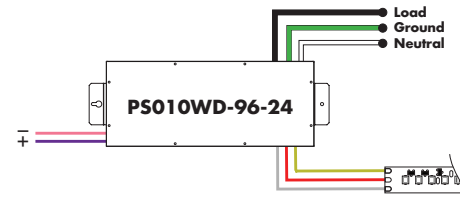


For use with Dynamic White, DW68

0-10V Warm Dimming 0% Power Supply 120VAC - 277VAC (for warm dimming of Dynamic White option)

| MODEL | POWER | OUTPUT |
|--|--------------|-------------|
| PS010WD - 0-10 Warm dim LED Power Supply | 96 - 96 Watt | 24 - 24 VDC |

Requires a 0-10V controller to work properly

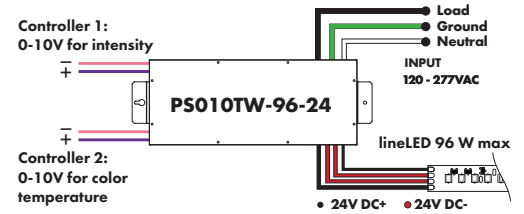


0-10V Tunable White 0% Dimming Power Supply 120VAC - 277VAC (for tunable white control of Dynamic White option)

| MODEL | POWER | OUTPUT |
|---|--------------|-------------|
| PS010TW - 0-10 Tunable White LED Driver | 96 - 96 Watt | 24 - 24 VDC |

Requires two 0-10V controllers to work properly

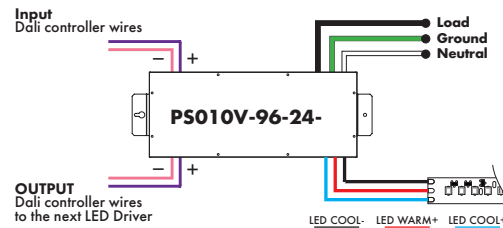
| MODELS | PS010TW |
|-----------------|---------|
| A Length | 14.40" |
| B Width | 2.60" |
| C Depth | 5.20" |



Customizable Dim to Warm or Variable White via 0 - 10V (for tunable white or warm dimming control of Dynamic option)

| MODEL | POWER | OUTPUT | CONTROL |
|------------------------|------------|-----------|---|
| PS010V-0-10 LED Driver | 96-96 Watt | 24-24 VDC | WW- Standard One Channel - Dim To Warm Curve W2C- Standard Two Channel - Dim 1: Intensity; Dim 2: CCT W21- Standard Two Channel - Dim 1: Warm Channel Intensity; Dim 2: Cool Channel Intensity W1X- ___ Custom One Channel - Dim To Warm Curve W2X- ___ Custom two Channel - Dim 1: Intensity; Dim 2: CCT |

Requires a 0-10V controller to work properly



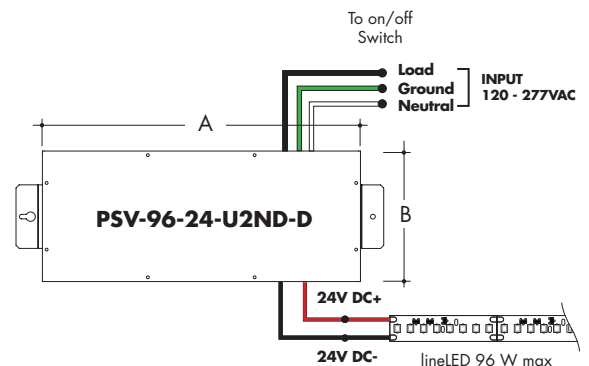
For use with RGB/RGBW/Pixel, RGB42/RGBW36/RGBX18/RGBWX18

Non-Dimming Power Supply 120VAC - 277VAC

| MODEL | POWER | OUTPUT | DIMMING | LOCATION |
|------------------|--------------|-------------|--------------------|------------------|
| PSV - PSV Series | 96 - 96 Watt | 24 - 24 VDC | U2ND - Non Dimming | D - Dry location |

Requires a controller and a decoder to work properly

| MODELS | 96W |
|-----------------|--------|
| A Length | 14.40" |
| B 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 Dynamic White, DW68

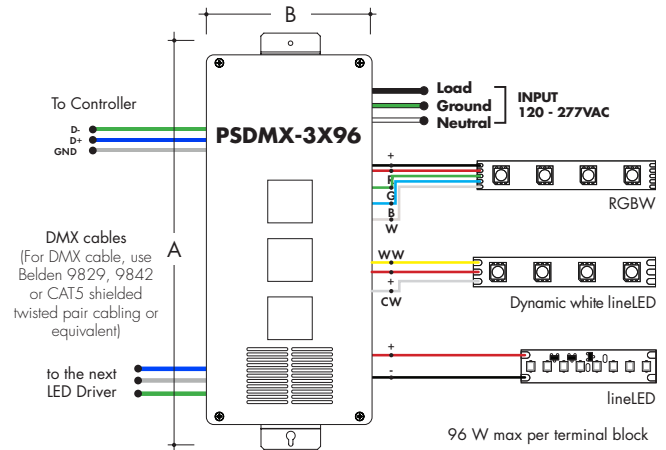
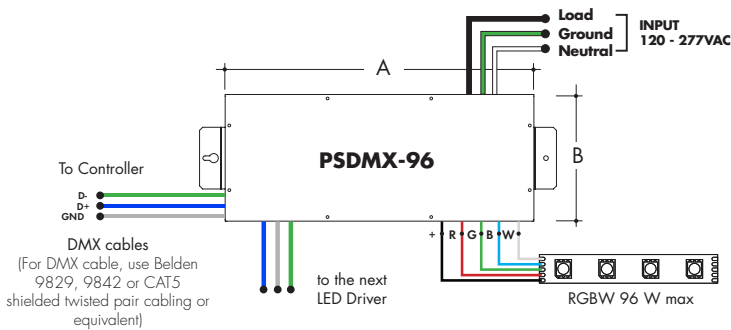
DMX 0% Dimming Power Supplies 120VAC - 277VAC

| MODEL | POWER | OUTPUT |
|--|------------------------------------|-----------|
| PSDMX-DMX Power Supply dims down to 0% | 96 - 96 Watt 3X96 - 3 X 96 Watt | 24-24 VDC |

Features eldoLED's LINEARdrive configurable dimmable drivers.

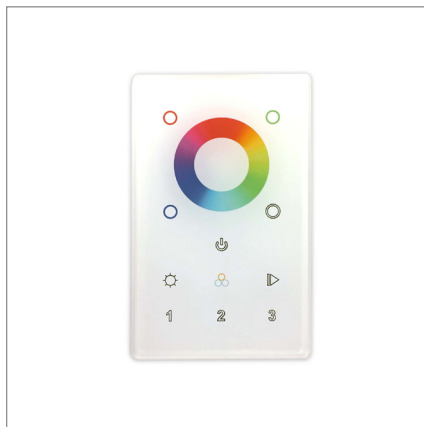
DDMX-RGBW DMX Decoder not required when purchasing this power supply.

| MODELS | 96W | 3X96 |
|-----------------|--------|--------|
| A Length | 14.40" | 15.75" |
| B Width | 5.20" | 6.62" |
| Depth | 2.60" | 4.95" |



DMX-1Z-RGBW, DMX-3Z-RGBW

RGBW LED 1 or 3 Zone Controller



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

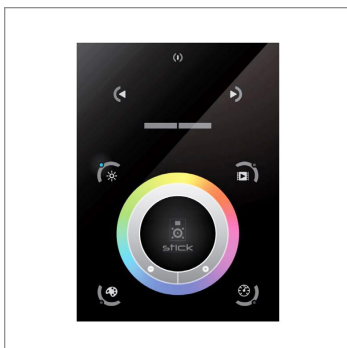
- Brightness
- Saturation
- Primary colors
- Fading
- Color changing speed

ORDERING CODE

| MODEL | ZONES | COLOR |
|----------------------|----------------------------------|----------------------------------|
| DMX - DMX Controller | 3Z - Three Zone 1Z - One Zone | RGBW - Red, Green, Blue, & White |

Touch DMX Controller

Touchscreen digital LED controller



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

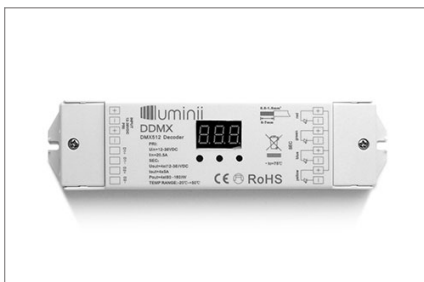
DMX512 (1024 channels)

Color Parameters

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

DMX Decoder

DMX signal to RGBW decoder (required to operate DMX controller)



ORDERING CODE

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

Smart Pixel Decoder

SPI signal to DMX signal decoder



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 RGB 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