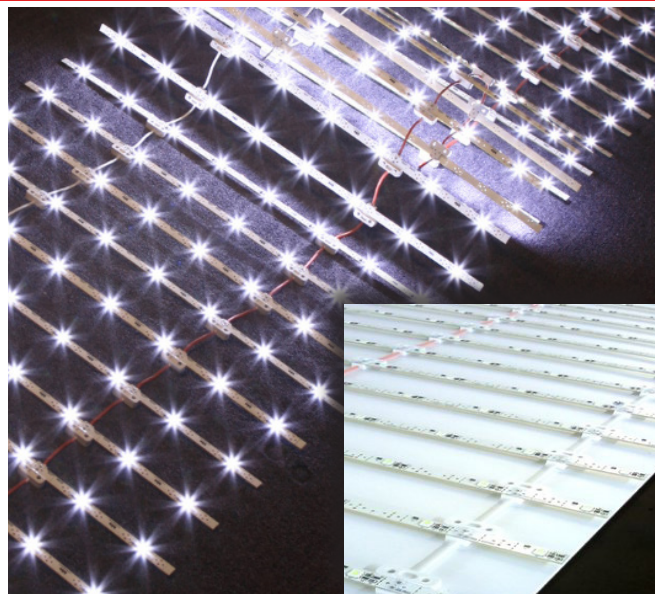




FENG SHUI
LIGHTING

BACKLIGHTING

NETLIGHT



- Available in 5 output levels of Static White at 24 Volts
- RGB and RGBW available at 24 Volts
- Tunable White and Double Sided available
- Great for creating Luminous Ceilings
- Even illumination
- Easy installation
- 3 Mounting Options - Direct Mounted, Track or Di-Bond Panel

NetLight Options

Version	Watts/Sqft	Lumens/Sqft	Min Distance to Diffuser	Sqft NetLight / Power Supply
VHO	14.4W	1701	3"	6.0 Sqft
HO	9.6W	1134	4"	9.0 Sqft
SO	7.2W	851	5"	12.0 Sqft
LO	6.1W	597	3"	14.0 Sqft
VLO	4.1W	398	4"	21.0 Sqft
TW	14.4W	1389	3"	6.0 Sqft
RGB	8.64W	252	3"-5"	10.0 Sqft
RGBW	15.8W	720	3"	5.3 Sqft

OUTPUT LEVEL:

COLOR:

LENGTH X WIDTH:

MOUNTING:

DIMMING/CONTROLS:

NET

VHO = Very High Output
HO = High Output
SO = Standard Output
LO = Low Output
VLO = Very Low Output

DBL = Double Sided White

TW = Tunable White

RGB = RGB
RGBW = RGB + White

30K = 3000 Kelvin
40K = 4000 Kelvin
50K = 5000 Kelvin
65K = 6500 Kelvin

Select From Above

TW = 30K-65K Tunable

RGB = RGB
RGBW = RGB + 65K Static White

Length X Width
of Application = Feet'-Inches" X Feet'-Inches"

**Consult Factory for sizes*

R = Rolls
RT = Roll w/ Track
P = Di-Bond panel

010 = 0-10V Dimming
DMX = DMX Dimming (DMX Signal/Input by others)
L3D0E = Lutron Hi-Lume 0.1%
L3DAE = Lutron Hi-Lume 1%
LTEA2W = Lutron Hi-Lume 1% 2wire



NETLIGHT

Very High Output

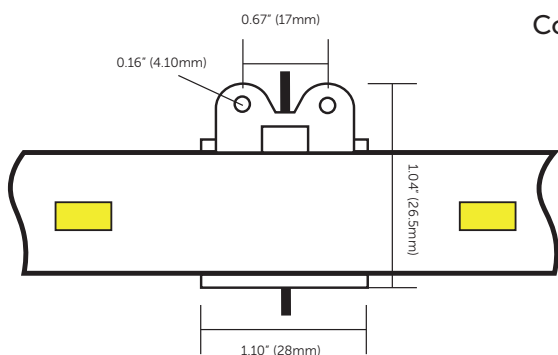
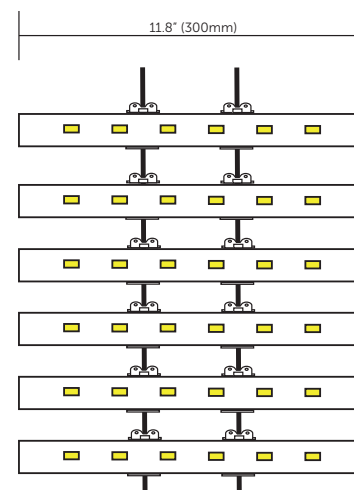
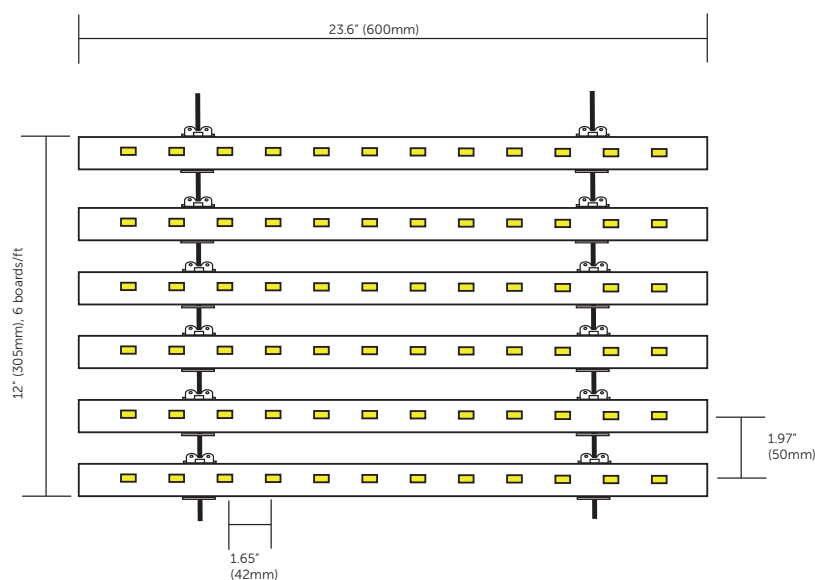
SPECIFICATIONS

ELECTRICAL

Input Voltage	24VDC
Power Consumption	14.4 W/sqft
Brightness	1701lm/sqft
LED to LED (Horizontal)	42.00mm (1.65")
Board to Board (Vertical)	50.00mm (1.97")

PHYSICAL

Minimum Distance to Diffuser	3"
Color Temperature	3000K, 4000K, 5000K, 6500K
Environment	Dry & Damp Locations
IP Rating	IP66 ("Dust Tight" & protected against water projected from a nozzle)
Operating Temperature	-22°F ~ 158°F
Maximum Size (per roll)	24" (600mm) x 120" (3048mm)



Connector (*Position may change)



NETLIGHT

High Output

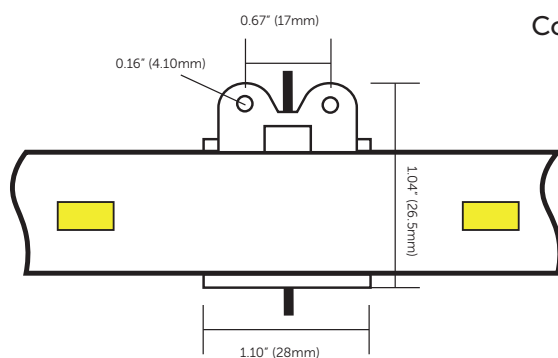
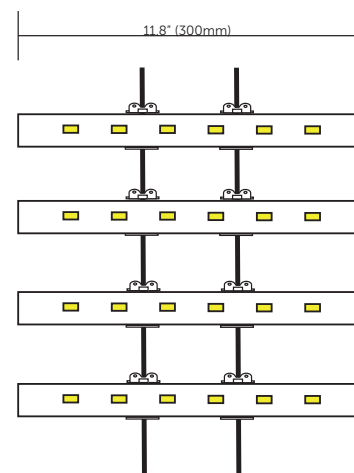
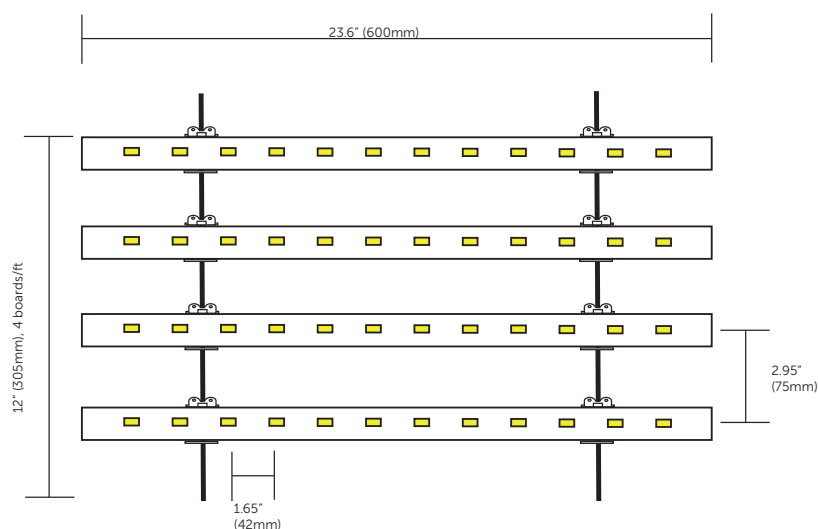
SPECIFICATIONS

ELECTRICAL

Input Voltage	24VDC
Power Consumption	9.6 W/sqft
Brightness	1134 lm/sqft
LED to LED (Horizontal)	42.00mm (1.65")
Board to Board (Vertical)	75.00mm (2.95")

PHYSICAL

Minimum Distance to Diffuser	4"
Color Temperature	3000K, 4000K, 5000K, 6500K
Environment	Dry & Damp Locations
IP Rating	IP66 ("Dust Tight" & protected against water projected from a nozzle)
Operating Temperature	-22°F ~ 158°F
Maximum Size (per roll)	24" (600mm) x 120" (3048mm)



Connector (*Position may change)



NETLIGHT

Standard Output

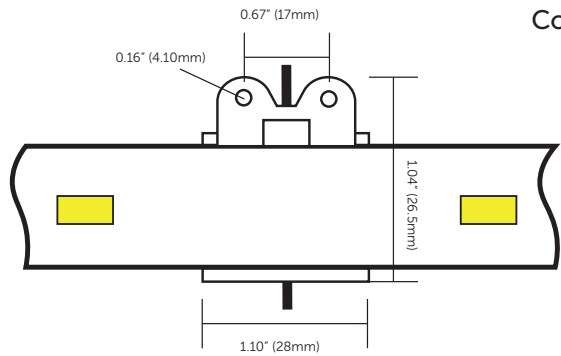
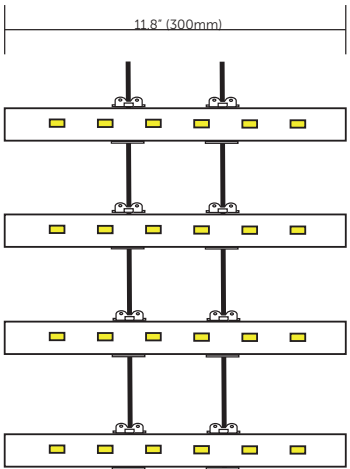
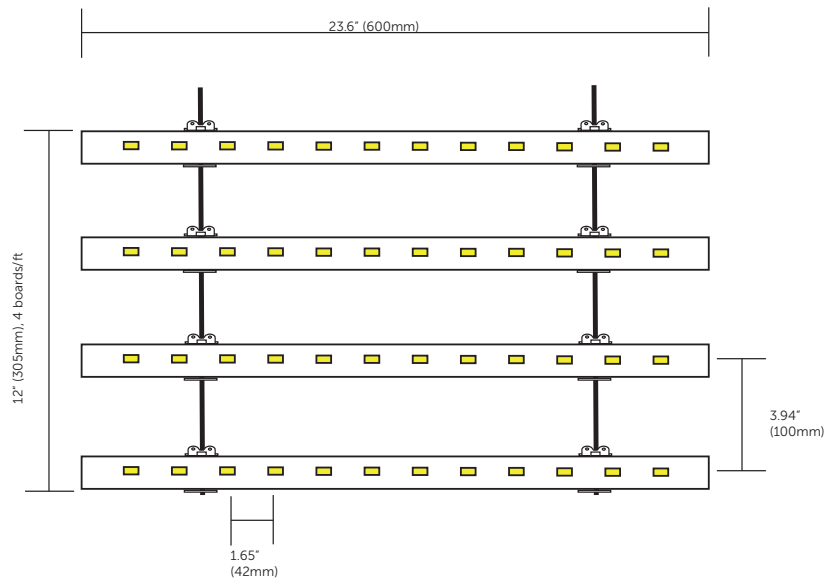
SPECIFICATIONS

ELECTRICAL

Input Voltage	24VDC
Power Consumption	7.2 W/sqft
Brightness	851 lm/sqft
LED to LED (Horizontal)	42.00mm (1.65")
Board to Board (Vertical)	100.00mm (3.94")

PHYSICAL

Minimum Distance to Diffuser	5"
Color Temperature	3000K, 4000K, 5000K, 6500K
Environment	Dry & Damp Locations
IP Rating	IP66 ("Dust Tight" & protected against water projected from a nozzle)
Operating Temperature	-22°F ~ 158°F
Maximum Size (per roll)	24" (600mm) x 120" (3048mm)



Connector (*Position may change)

NETLIGHT

Low Output

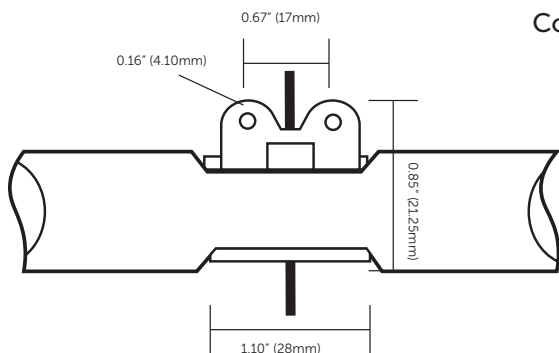
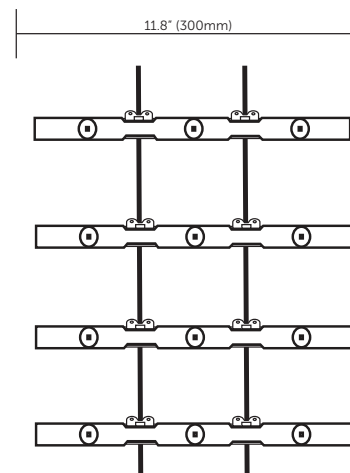
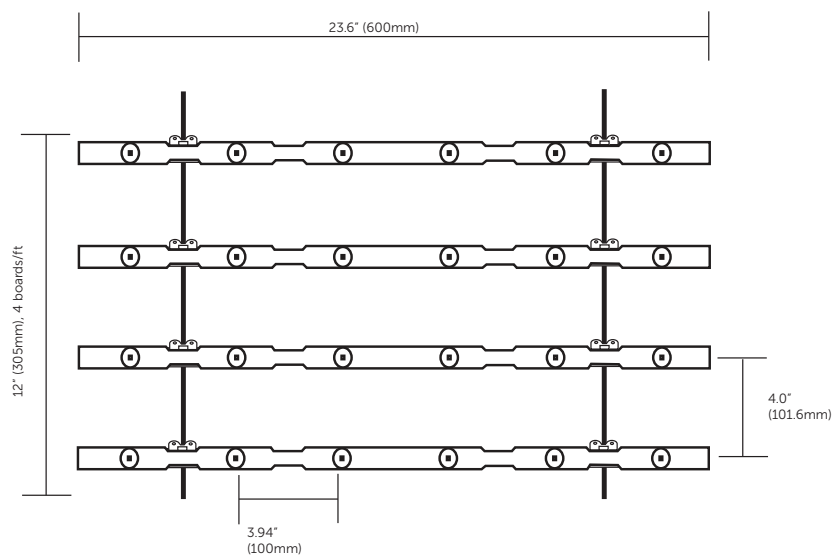
SPECIFICATIONS

ELECTRICAL

Input Voltage	24VDC
Power Consumption	6.1 W/sqft
Brightness	597 lm/sqft
LED to LED (Horizontal)	100.00mm (3.94")
Board to Board (Vertical)	101.60mm (4.0")

PHYSICAL

Minimum Distance to Diffuser	3"
Color Temperature	3000K, 4000K, 5000K, 6500K
Environment	Dry & Damp Locations
IP Rating	IP66 ("Dust Tight" & protected against water projected from a nozzle)
Operating Temperature	-22°F ~ 158°F
Maximum Size (per roll)	24" (600mm) x 120" (3048mm)



Connector (*Position may change)



NETLIGHT

Very Low Output

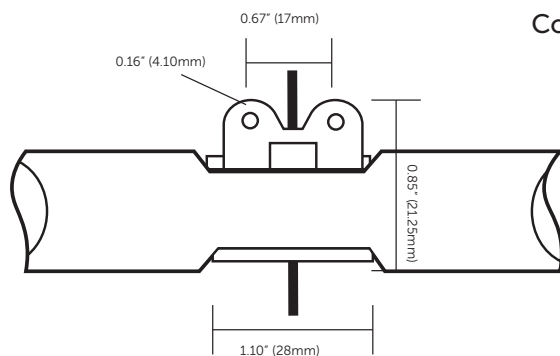
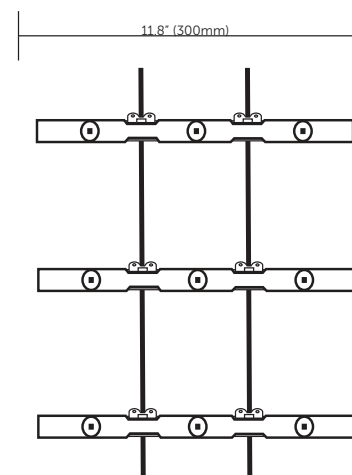
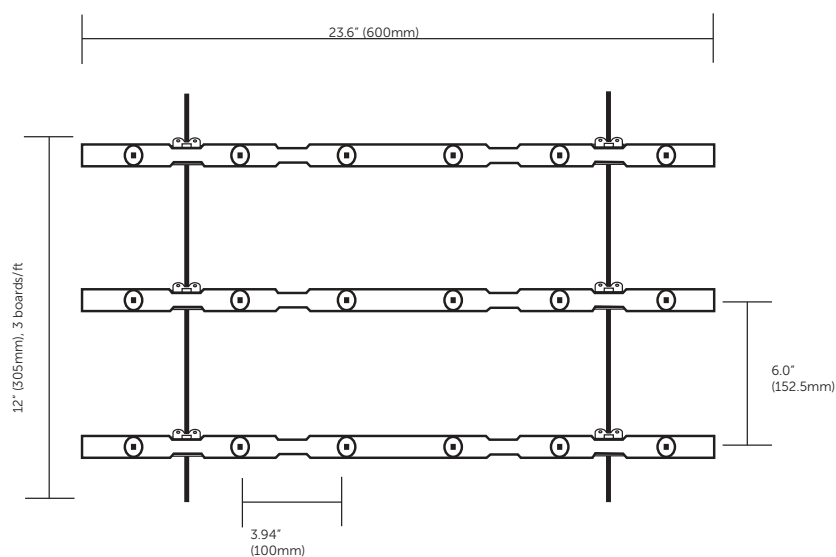
SPECIFICATIONS

ELECTRICAL

Input Voltage	24VDC
Power Consumption	4.1 W/sqft
Brightness	398 lm/sqft
LED to LED (Horizontal)	100.00mm (3.94")
Board to Board (Vertical)	152.50mm (6.0")

PHYSICAL

Minimum Distance to Diffuser	4"
Color Temperature	3000K, 4000K, 5000K, 6500K
Environment	Dry & Damp Locations
IP Rating	IP66 ("Dust Tight" & protected against water projected from a nozzle)
Operating Temperature	-22°F ~ 158°F
Maximum Size (per roll)	24" (600mm) x 120" (3048mm)



Connector (*Position may change)



NETLIGHT

Double Sided White

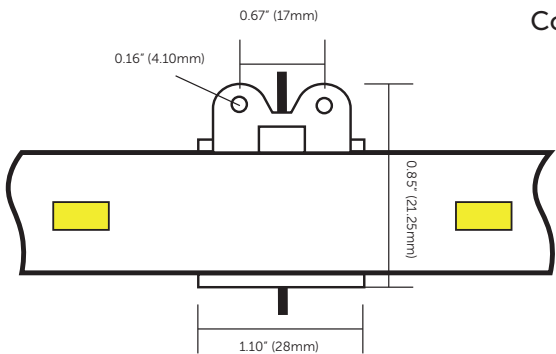
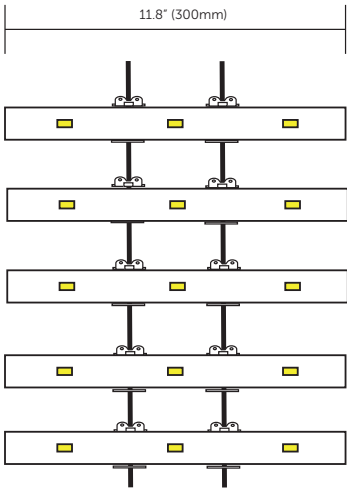
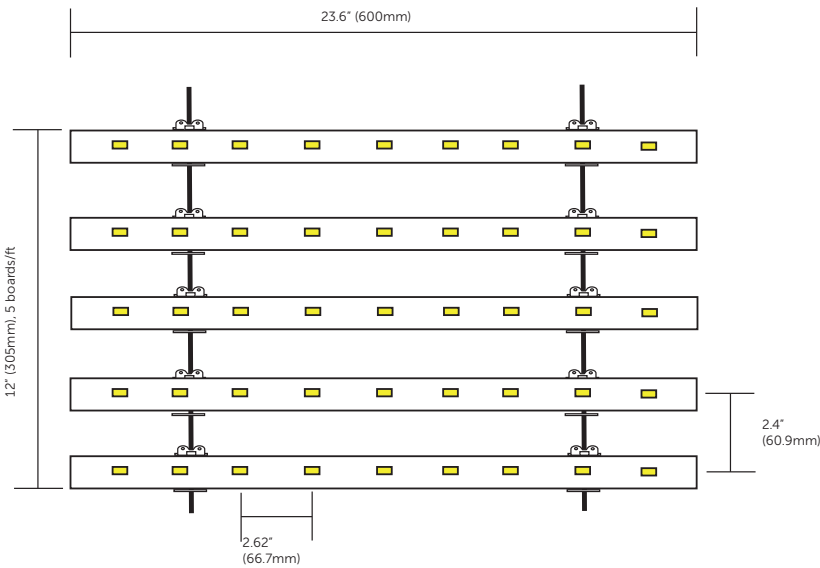
SPECIFICATIONS

ELECTRICAL

Input Voltage	24VDC
Power Consumption	9.0 W/sqft
Brightness	911 lm/sqft
LED to LED (Horizontal)	66.70mm (2.62")
Board to Board (Vertical)	60.90mm (2.4")

PHYSICAL

Minimum Distance to Diffuser	5"
Color Temperature	3000K, 4000K, 5000K, 6500K
Environment	Dry & Damp Locations
IP Rating	IP66 ("Dust Tight" & protected against water projected from a nozzle)
Operating Temperature	-22°F ~ 158°F
Maximum Size (per roll)	24" (600mm) x 120" (3048mm)



Connector (*Position may change)

NETLIGHT

Tunable White

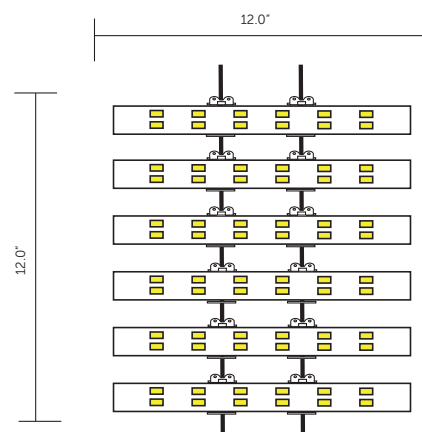
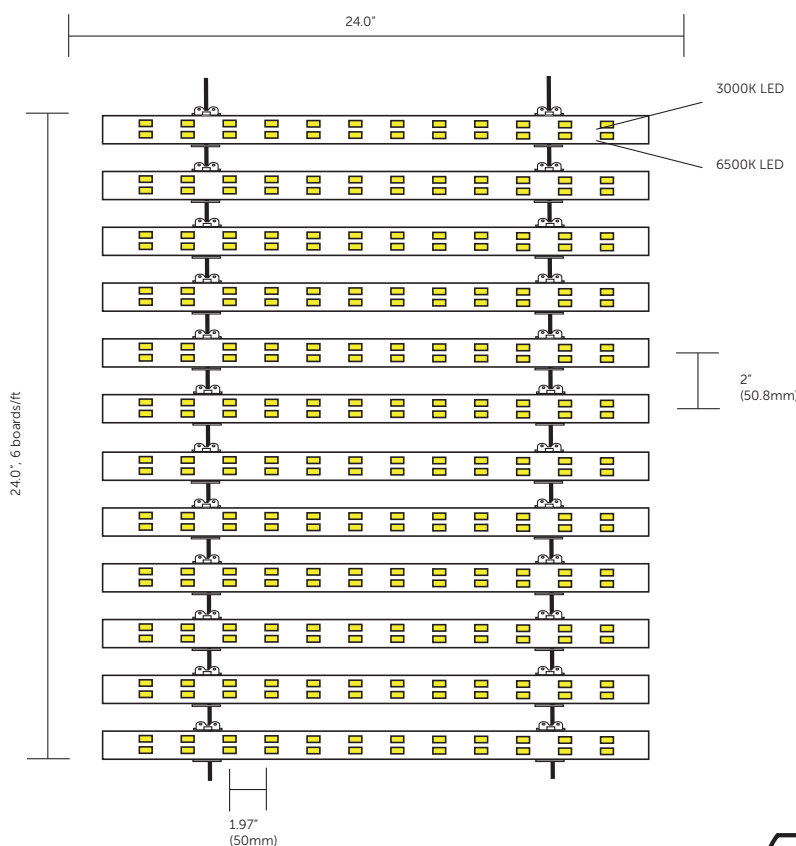
SPECIFICATIONS

ELECTRICAL

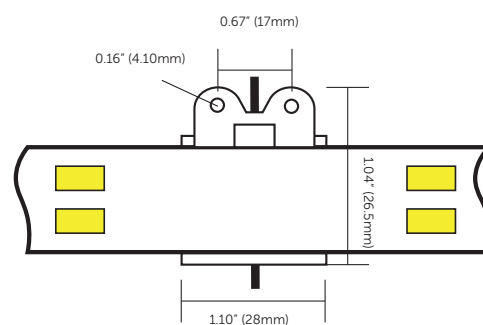
Input Voltage	24VDC
Power Consumption	14.4 W/sqft
Brightness	1389 lm/sqft
LED to LED (Horizontal)	50.00mm (1.97")
Board to Board (Vertical)	50.80mm (2.00")

PHYSICAL

Minimum Distance to Diffuser	3"
Color Temperature	3000K, 4000K, 5000K, 6500K
Environment	Dry & Damp Locations
IP Rating	IP66 ("Dust Tight" & protected against water projected from a nozzle)
Operating Temperature	-22°F ~ 158°F
Maximum Size (per roll)	24" (600mm) x 120" (3048mm)



Connector (*Position may change)





NETLIGHT

RGB

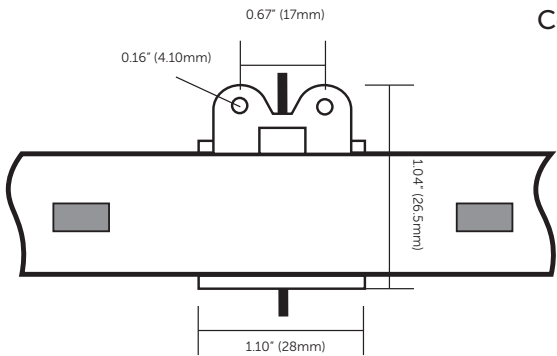
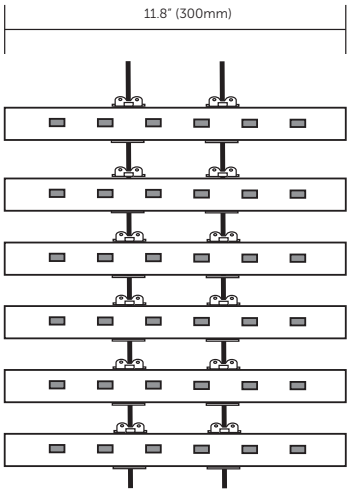
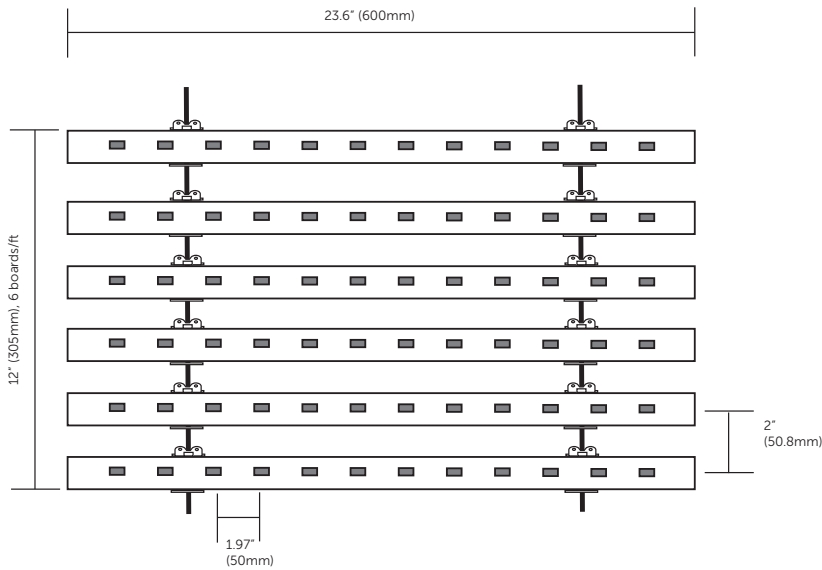
SPECIFICATIONS

ELECTRICAL

Input Voltage	24VDC
Power Consumption	8.64 W/sqft
Brightness	252 lm/sqft
LED to LED (Horizontal)	50.00mm (1.97")
Board to Board (Vertical)	50.80mm (2.00")

PHYSICAL

Minimum Distance to Diffuser	3"
Environment	Dry & Damp Locations
IP Rating	IP66 ("Dust Tight" & protected against water projected from a nozzle)
Operating Temperature	-22°F ~ 158°F
Maximum Size (per roll)	24" (600mm) x 120" (3048mm)



Connector (*Position may change)

NETLIGHT

RGB + White

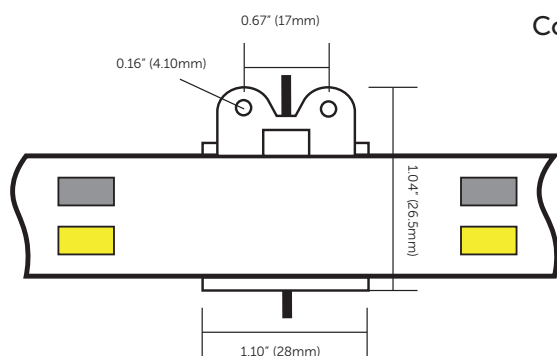
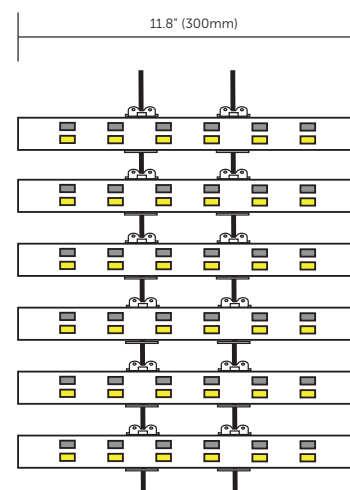
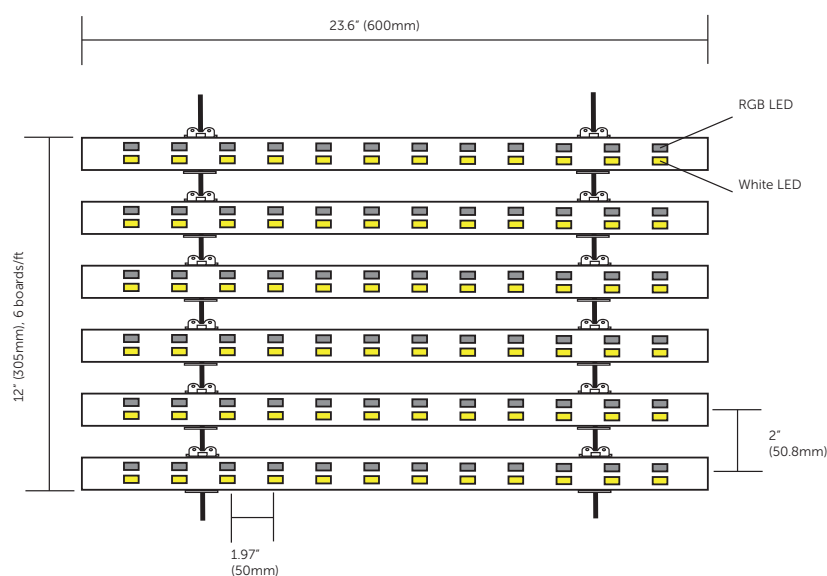
SPECIFICATIONS

ELECTRICAL

Input Voltage	24VDC
Power Consumption	15.8 W/sqft
Brightness	720 lm/sqft
LED to LED (Horizontal)	50.00mm (1.97")
Board to Board (Vertical)	50.80mm (2.00")

PHYSICAL

Minimum Distance to Diffuser	3"
Color Temperature	3000K, 4000K, 5000K, 6500K
Environment	Dry & Damp Locations
IP Rating	IP66 ("Dust Tight" & protected against water projected from a nozzle)
Operating Temperature	-22°F ~ 158°F
Maximum Size (per roll)	24" (600mm) x 120" (3048mm)



Connector (*Position may change)



FENG SHUI
LIGHTING

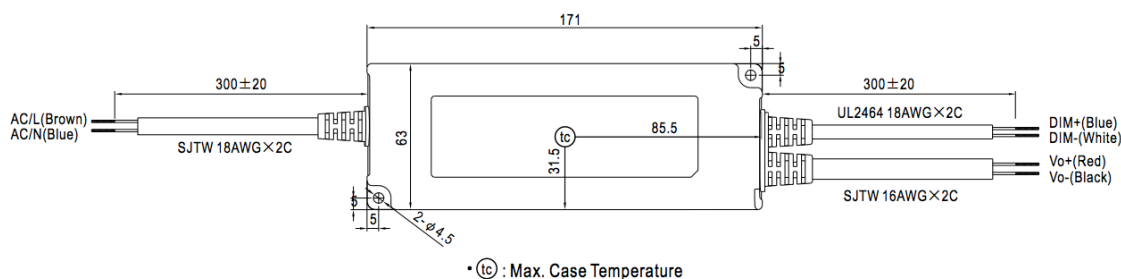
DRIVERS

Mean Well

24V-90W Power Supply



- Constant Voltage PWM style output with frequency 300Hz
- Plastic housing with class II design
- Built in active PFC function
- Class 2 power unit (except PWM-90-12)
- No load power consumption <0.5W
- Fully encapsulated with IP67 level
- Function: 3 in 1 dimming
- Typical life time >50000 hrs
- 5 year warranty



SPECIFICATIONS

ELECTRICAL

Input Voltage	90-305 vAC
Input Current, Max (A)	0.95A/120V 0.40A/277V
Input Frequency (Hz)	50-60Hz
Efficiency	>90.5%
Output Voltage (V)	24VDC +/- 10%
Output Current Range (A)	3.75 Amps Max
Output Power Max (W)	90 Watts
Protection	Over voltage, Over current, and Short circuit
EMI and RFI	Meets FCC Part 15 (Class A)
Load Regulation	+/-5%
Operating Temperature	-40°F ~ 185°F
Storage Temperature	-40°F ~ 176°F

ENCLOSURE DIMENSIONS

Length	6.73" (171mm)
Width	2.48" (63mm)
Height	1.48" (37.5mm)
Mounting Length	6.33" (160mm)
Weight	1.7 lbs

LEAD LENGTHS

Input Leads (Black White)	11.76", 18AWG
Output Leads (Red, Black)	11.76", 18AWG

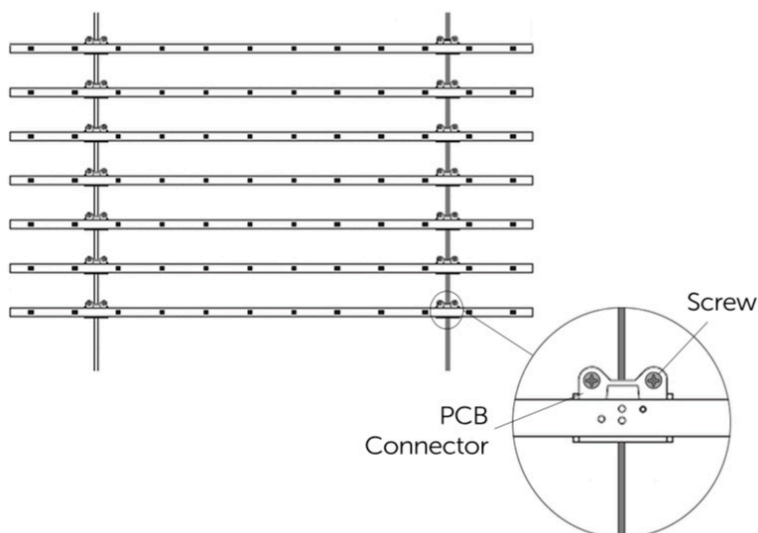
NetLight

Mounting Options

Option 1

Direct

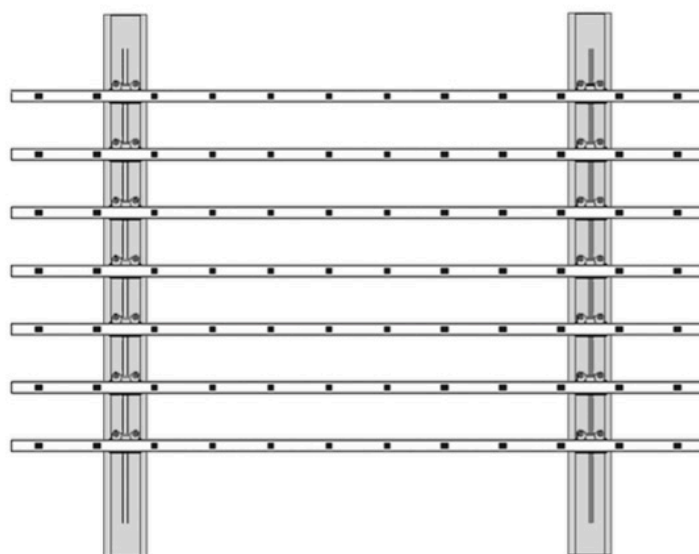
Netlight can be mounted to a wall or existing surface by direct screw-mounting. There are two PCB connectors on each LED board that contain two 0.16" openings for screws. Screws provided by others



Option 2

Rails

Netlight can be field mounted to extruded aluminum rails. The factory can provide thin, aluminum tracks in which the NetLight PCB connectors fit. These rails run parallel to the NetLight wires, and can be mounted onto any wall or substrate. The mounting rails can be combined with standard U or L brackets (supplied by others) to affix the NetLight to walls or ceilings for a substrate-free mounting on both vertical and horizontal applications. Consult factory for rail options





NetLight

Mounting Options

Option 3 Panels

Netlight is available pre-mounted to a 3mm di-bond panel, wired with quick connects for easy install. The panels can easily be screw mounted to any surface.

