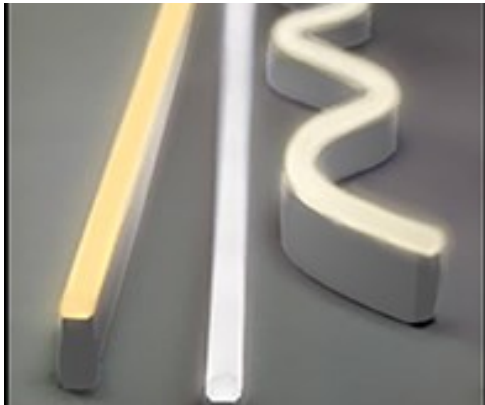


Plexineon White 1X Series

PRODUCT SUMMARY



PRODUCT FEATURES

- Four Kelvin temperatures
- Energy efficient
- Long lifetime
- Stable and consistent color temperature
- Low voltage
- Easy to install
- Cool to the touch
- For use as exterior or interior accent lighting, direct view or indirect view applications, coves

Color Temperatures (+/- 10%)

- 2800K
- 3500K
- 4500K
- 6500K

Diffuser Color (when not illuminated)

- Light amber hue

Lengths Available

- Standard Lengths: 2', 4', 6', 8'
(610mm, 1219mm, 1830mm, 2438mm)
- Factory custom lengths available to the nearest 1/2" (13mm) +/- 0.25" (6mm)¹
- 2' (610mm) field cuttable pieces
- Illuminated outside corner pieces
- Factory convex or concave bends to minimum inside radius of 5" (127mm)
- Factory "easy bends" to a 3/16" (5mm) radius¹
- Gentle field bends to a 48" (1219mm) radius²

1. Drawing required for production

2. Field bending allowed only on fixture without C-channel

Power Supply

- Class 2, 24 VDC, 100 Watts - must be supplied by iLight
- Primary voltage: 120 or 120-277 depending on model
- Secondary voltage: 24VDC 4.1 A Max
- Maximum illumination length of a single 100W power supply 32 feet (9.75m)

Power Supply Tips

- 20% maximum overage for breaker for primary current draw
- Do not plug multiple power supplies into one run of Plexineon
- All iLight power supplies should be on an independent circuit
- Recommend surge protection upstream from power supply
- Verify correct voltage prior to wiring to non-switching power supplies

Low Voltage Cable

Maximum distance of low voltage cable in any given run:

- 14 AWG: 40 feet (12.19m)
- 12 AWG: 60 feet (18.29m)
- 10 AWG: 100 feet (30.48m)

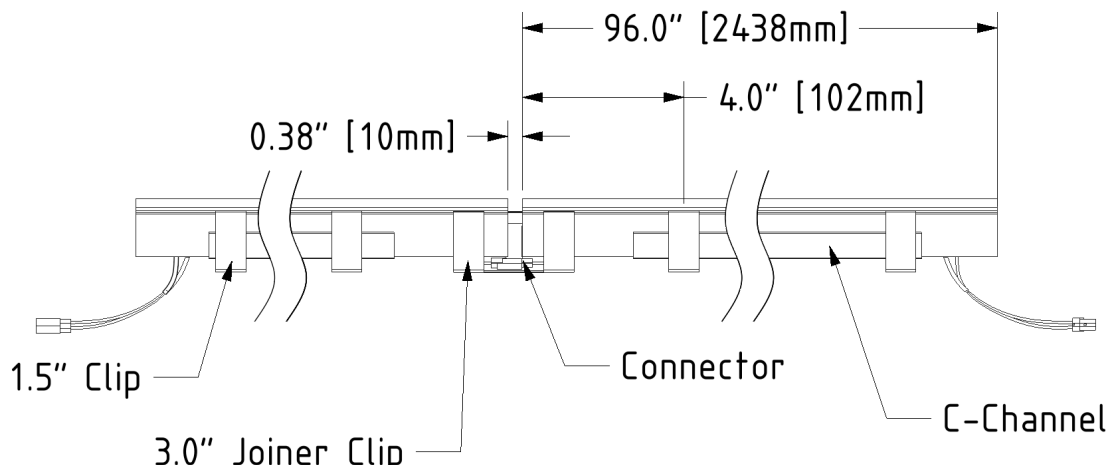
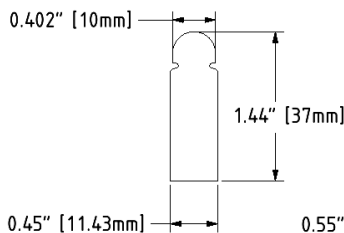
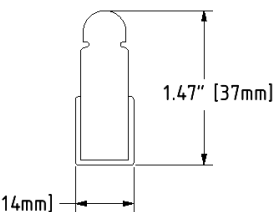
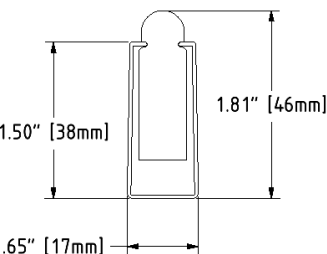
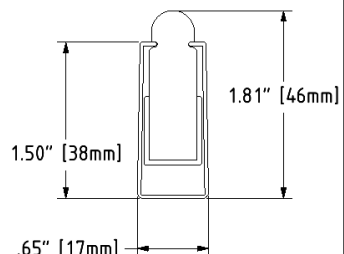
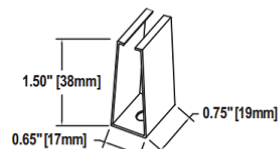
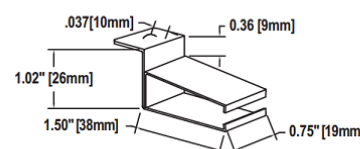
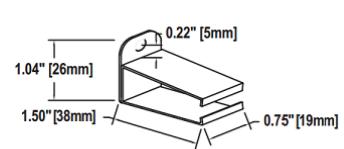
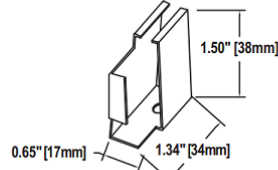
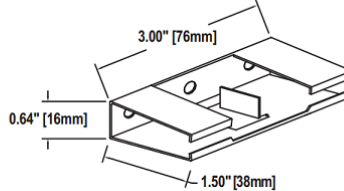
ORDERING INFORMATION

CLASS	VOLTAGE	COLOR	HOUSING	LENGTH	CHANNEL	VERSION
T	24		S			
T = Trim	24 = 24v	White W28 = 1X 2800K W35 = 1X 3500K W45 = 1X 4500K W65 = 1X 6500K	S = Silver	2F = 2 Feet 4F = 4 Feet 6F = 6 Feet 8F = 8 Feet CL = Custom Length PC = Outside Corner RT = Corner Cuttable TT = Cuttable BE = Bend-Easy BN = Bend-Convex BV = Bend-Concave	NC = No Channel SC = Stainless Steel Channel	00 = With Connectors 01 = Without Connectors

Specification sheets are subject to change without notice. For the most recent version, please refer to www.ilight-tech.com

Plexineon White 1X Series

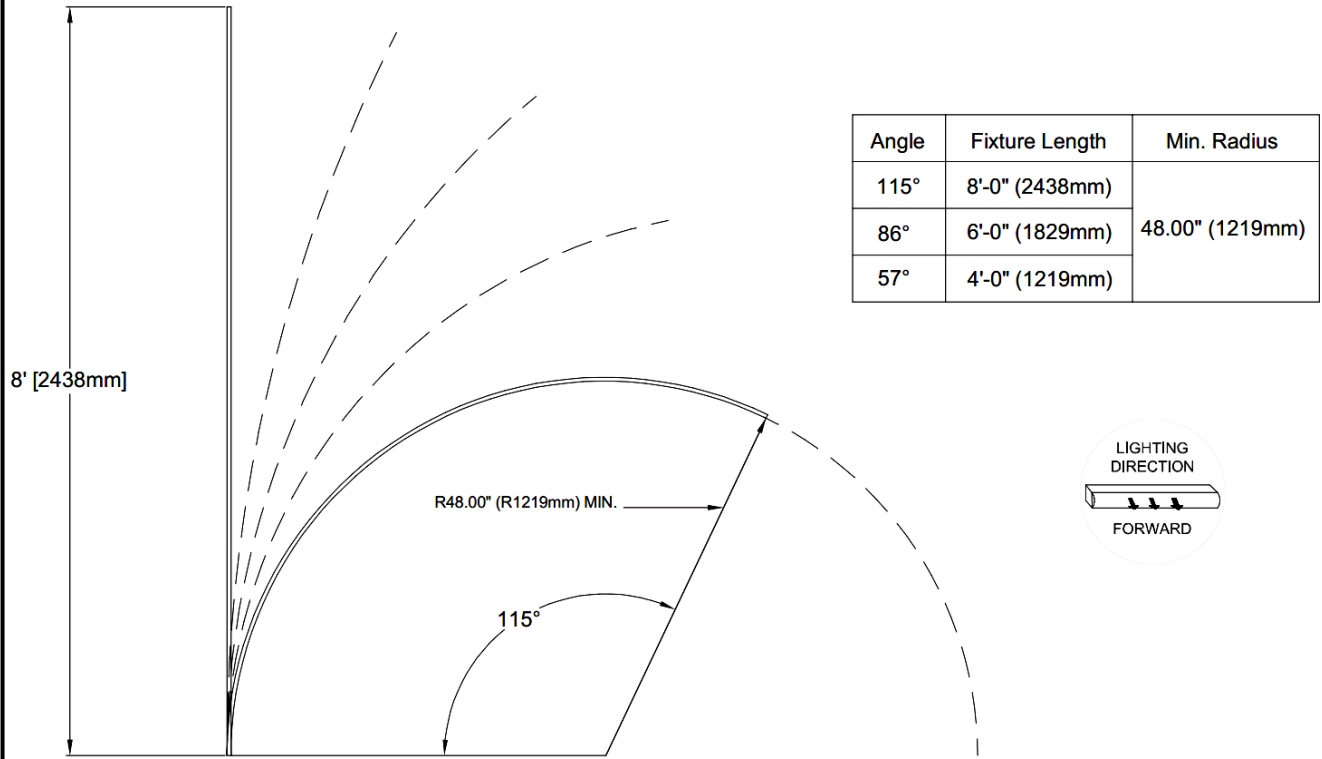
TECHNICAL INFORMATION

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">PLEXINEON PROFILE</p>	<p style="text-align: center;">WITH C-CHANNEL</p> 
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">PLEXINEON CROSS SECTIONS</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Gen-3.9 WITHOUT C-CHANNEL</p>  </div> <div style="text-align: center;"> <p>Gen-3.9 WITH C-CHANNEL</p>  </div> <div style="text-align: center;"> <p>Gen-3.9 WITHOUT C-CHANNEL IN CLIP</p>  </div> <div style="text-align: center;"> <p>Gen-3.9 WITH C-CHANNEL IN CLIP</p>  </div> </div>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">MOUNTING CLIPS</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>1.50" Standard Clip (75-CLP16-001-00)</p> </div> <div style="text-align: center;">  <p>L Tab Specialty Clip (75-CLP15-001-00)</p> </div> <div style="text-align: center;">  <p>Straight Tab Specialty Clip (75-CLP17-001-00)</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;">  <p>1.50" Vertical End Clip (75-CLP20-001-00)</p> </div> <div style="text-align: center;">  <p>3" Joiner Clip¹ (75-CLP19-001-00)</p> </div> </div> <p style="text-align: right; margin-top: 20px;">*Mounting hole 3/16" 1- used for both horizontal & vertical applications</p>

Plexineon White 1X Series

TECHNICAL INFORMATION

PLEXINEON FIELD BENDING¹⁻³

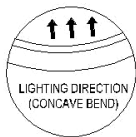


Note 1: Field bending shown in easy direction. Cannot field bend into convex or concave bends
 Note 2: Easy direction refers to bend axis parallel to light direction.
 Note 3: Field bending allowed only on fixtures without C-channel

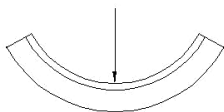
PLEXINEON FACTORY BENDING

Hard Bends

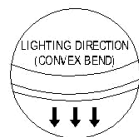
Concave Bend



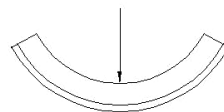
R Min = R5.00" [R127mm]



Convex Bend

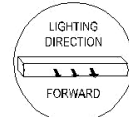


R Min = R5.00" [R127mm]

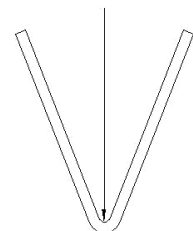


Note: The maximum length for any factory bent fixtures is 92 inches

Easy Bends²



R Min = R0.19" [R5mm]

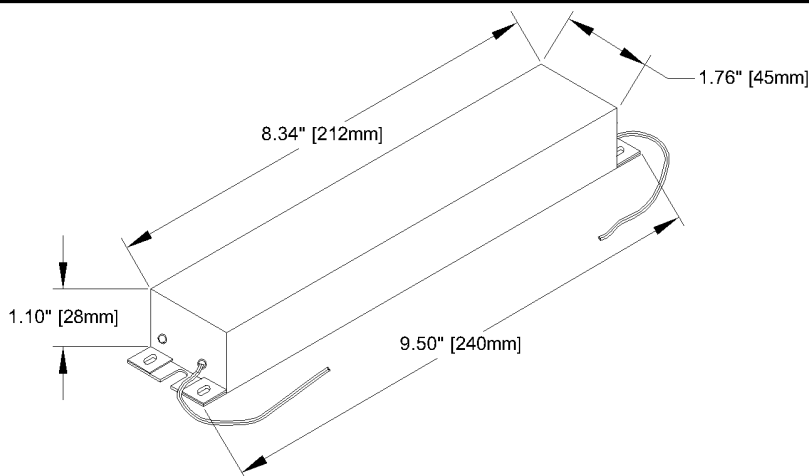
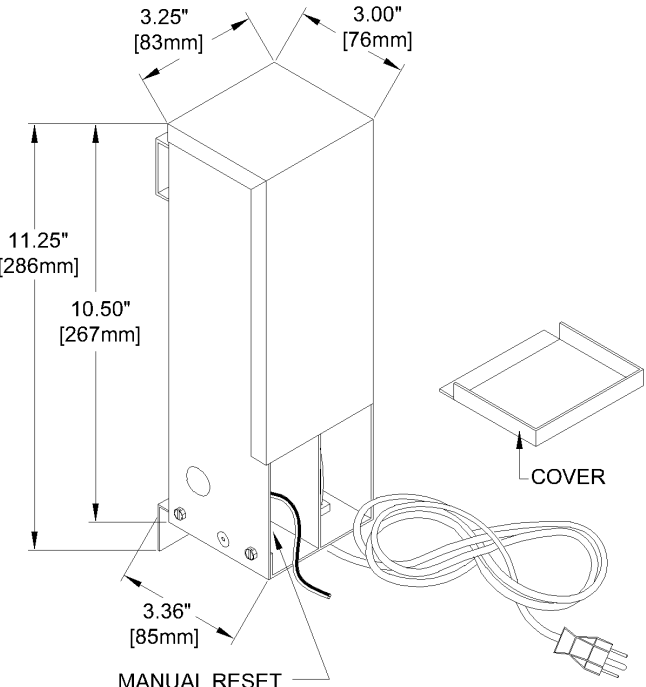
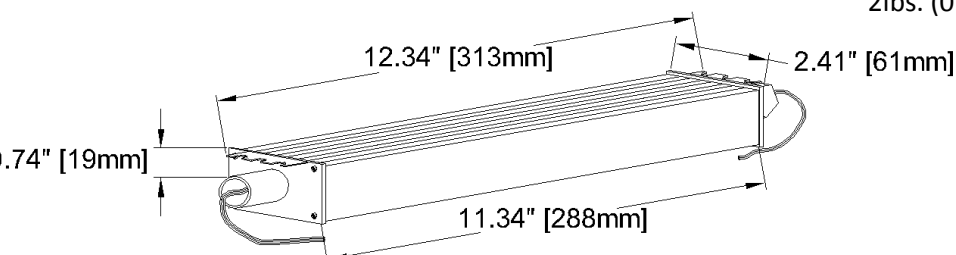


Plexineon White 1X Series

TECHNICAL INFORMATION

<p>OUTSIDE CORNER</p>	<p>8.85" [225mm]</p> <p>8.85" [225mm]</p>
<p>INSIDE CORNER</p>	<p>Standard Plexineon</p> <p>3/8" Space Between Plexineon</p> <p>0.38" [10mm]</p>
<p>CORNER CUTTABLE</p>	<p>25.95" (659mm)</p> <p>4.13" (105mm) DO NOT CUT</p> <p>1.89" (48mm) DO NOT CUT</p> <p>Lead Wire</p> <p>Cut From This End</p>

Plexineon White 1X Series

TECHNICAL INFORMATION	
Plexineon Power Supplies	
<p>ELECTRONIC (ADVANCE) POWER SUPPLY</p>	 <p>65-ADV100W24V Input: 120-277VAC 50/60Hz Output: 24VDC 4A max RU listed for U.S. and Canada Additional Enclosure Required 2lbs. (0.9kg)</p> <p>DRY ☀️ DAMP 💧</p>
<p>MAGNETIC HYBRID (JUSTIN) POWER SUPPLY IN 3R ENCLOSURE</p>	 <p>65-PWR09-001-00 Input: 120VAC 50/60Hz Output: 24VDC 4A max RU listed for U.S. Enclosed in NEMA 3R 9lbs. (4kg)</p> <p>DRY ☀️ DAMP 💧 WET ⚡️</p>
<p>MAGTECH POWER SUPPLY</p>	 <p>65-24-96W-MAG Input: 100-277VAC 60Hz Output: 24VDC 4A max RU listed for U.S. 2lbs. (0.9kg)</p> <p>DRY ☀️ DAMP 💧 WET ⚡️</p>