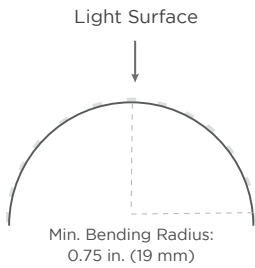


FLEXIBLE BACKLYTE STATIC WHITE / VARIABLE WHITE / RGBW / PIXEL INSTALLATION GUIDE

Static White Flexible BackLyte.....	2
Variable White Flexible BackLyte	4
RGBW Flexible BackLyte	6
Pixel Flexible BackLyte.....	8

Technical Support:
Tech@GENLEDBrands.com
+1 212.629.6830 ext. 301

WARNINGS



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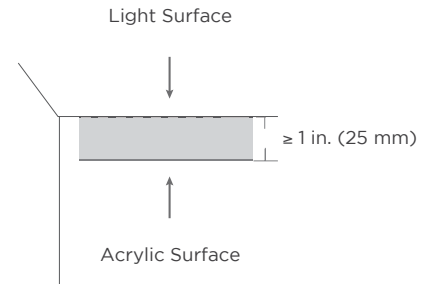
DO NOT overbend
Flexible BackLyte panels



VHB tape is recommended
for placement only.
Use washers and screws
for permanent installation.



Protection Rating:
IP20 for interior applications

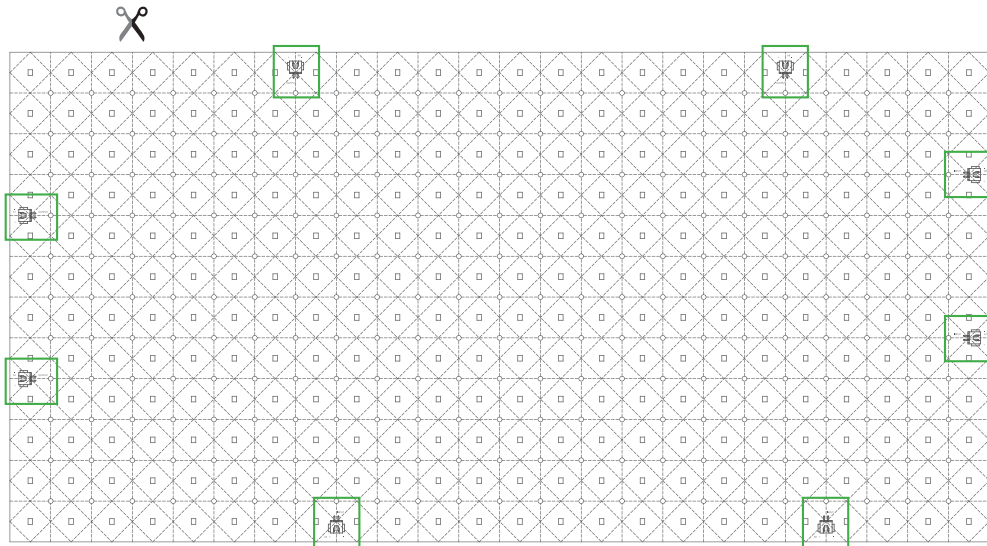


Recommended distance from Static White
Flexible BackLyte to polycarbonate/acrylic
surface $\geq$ 1 in. (25 mm)

TRIMMING AND POWER INPUT

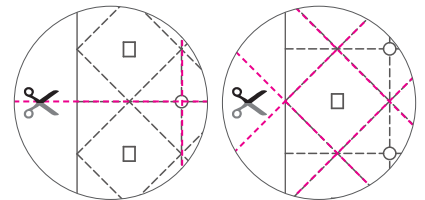
Flexible BackLyte can be trimmed to custom shapes along the marked lines. It can be powered with any one of the 8 power terminals (outlined in green), which can supply power to the entire sheet.

See examples below:



Power Terminals

Cut along the dotted lines

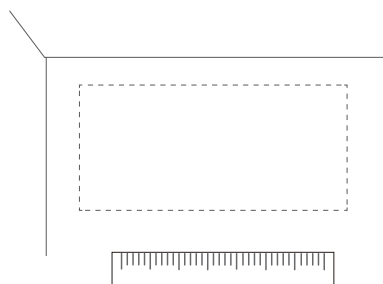


You can cut along the square
or diamond lines.

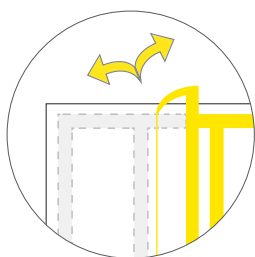
NOTE: Ensure that power is
not connected while cutting
Flexible BackLyte.

STANDARD INSTALLATION

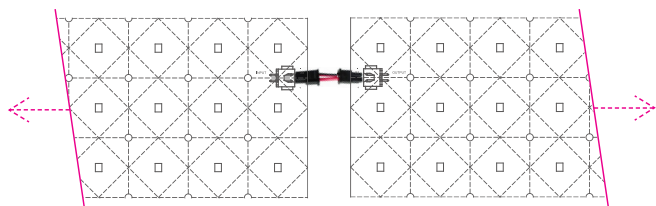
1. Measure and mark as needed to determine installation location.



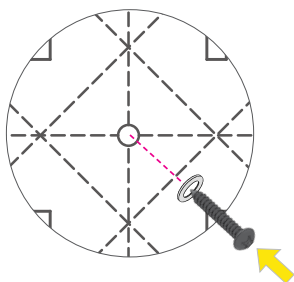
2. Peel protective backing from VHB tape. Place Flexible BackLyte sheet in desired location.



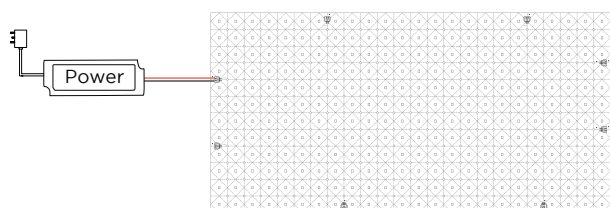
3. Make any daisy chain connections (up to 8 Static White panels) with jumpers.



4. Using plastic washers, attach screws to surface through existing holes on Flexible BackLyte panel

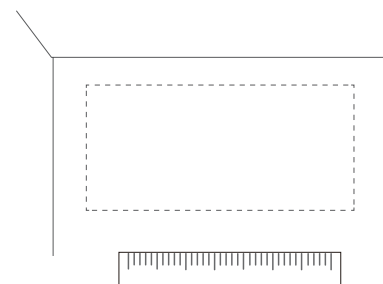


5. Connect Flexible BackLyte to power supply and controls.

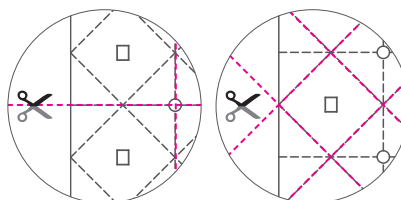


CUSTOM INSTALLATION

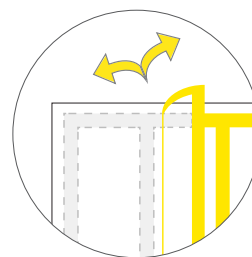
1. Measure and mark as needed to determine installation location.



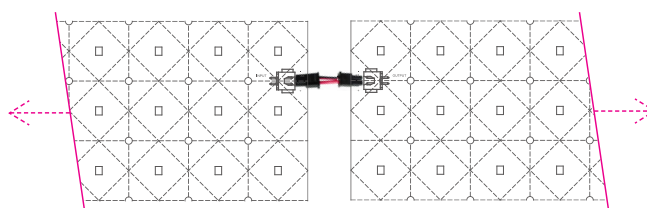
2. Trim Flexible BackLyte along marked lines to achieve desired shape.



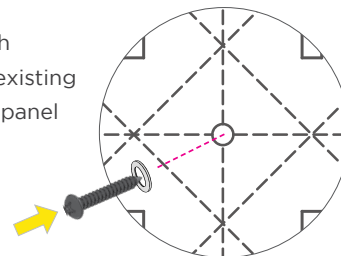
3. Peel protective backing from VHB tape. Place Flexible BackLyte sheet in desired location.



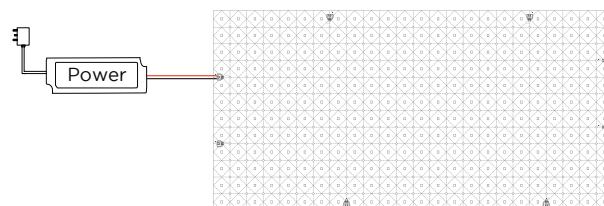
4. Make any daisy chain connections (up to 8 Static White panels) with jumpers.



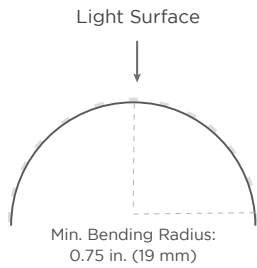
5. Using plastic washers, attach screws to surface through existing holes on Flexible BackLyte panel



6. Connect Flexible BackLyte to power supply and controls.



WARNINGS



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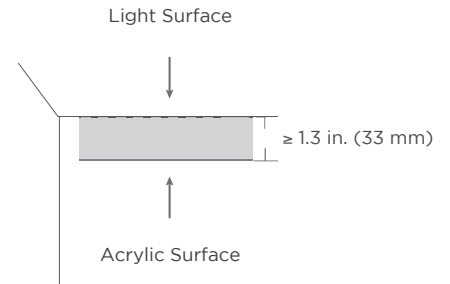
DO NOT overbend
Flexible BackLyte panels



VHB tape is recommended
for placement only.
Use washers and screws
for permanent installation.



Protection Rating:
IP20 for interior applications

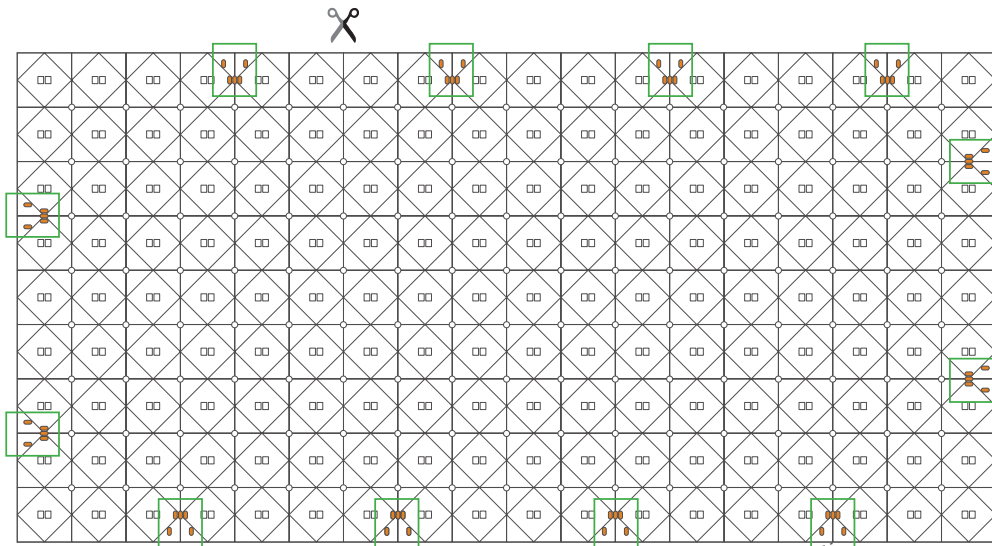


Recommended distance from Variable
White BackLyte to polycarbonate/acrylic
surface ≥ 1.3 in. (33 mm)

TRIMMING AND POWER INPUT

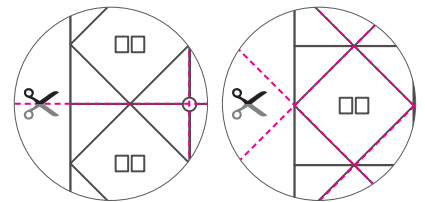
Flexible BackLyte can be trimmed to custom shapes along the marked lines. It can be powered with any one of the 12 power terminals (outlined in green), which can supply power to the entire sheet.

See examples below:



Power Terminals

Cut along the dotted lines

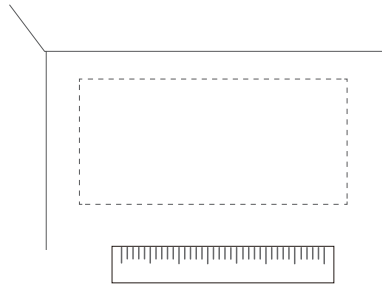


You can cut along the square
or diamond lines.

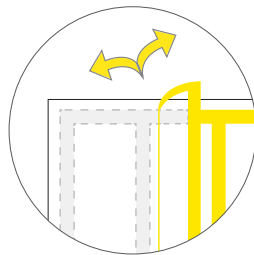
NOTE: Ensure that power is
not connected while cutting
Flexible BackLyte.

STANDARD INSTALLATION

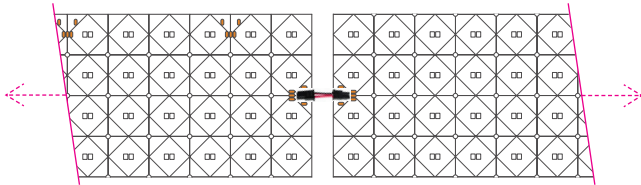
1. Measure and mark as needed to determine installation location.



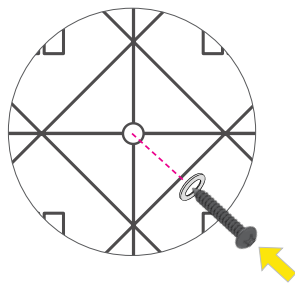
2. Peel protective backing from VHB tape. Place Flexible BackLyte sheet in desired location.



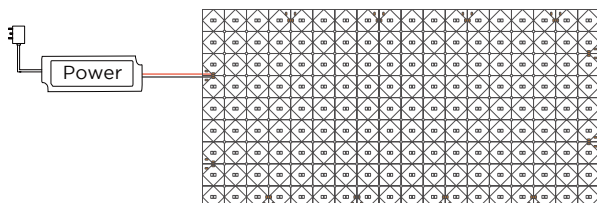
3. Make any daisy chain connections (up to 5 Variable White panels) with jumpers.



4. Using plastic washers, attach screws to surface through existing holes on Flexible BackLyte panel

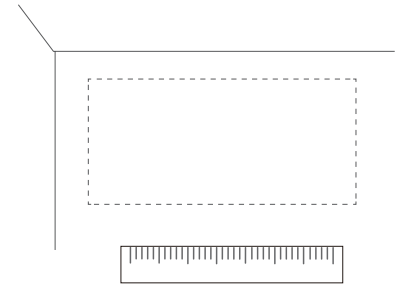


5. Connect Flexible BackLyte to power supply and controls.

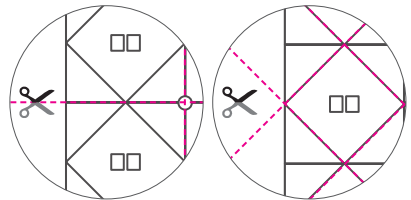


CUSTOM INSTALLATION

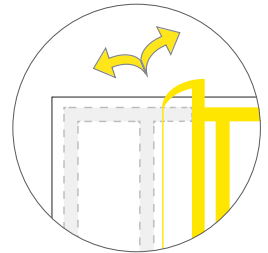
1. Measure and mark as needed to determine installation location.



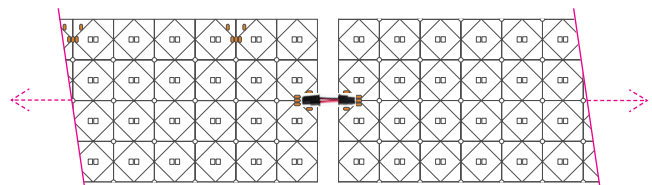
2. Trim Flexible BackLyte along marked lines to achieve desired shape.



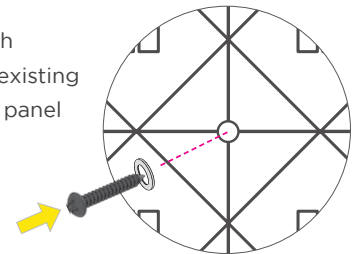
3. Peel protective backing from VHB tape. Place Flexible BackLyte sheet in desired location.



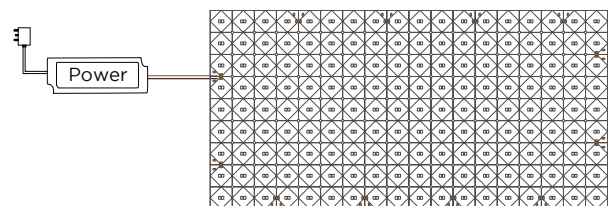
4. Make any daisy chain connections (up to 5 Variable White panels) with jumpers.



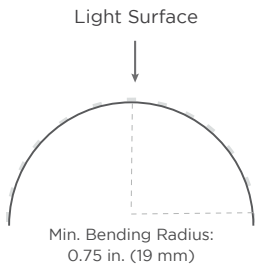
5. Using plastic washers, attach screws to surface through existing holes on Flexible BackLyte panel



6. Connect Flexible BackLyte to power supply and controls.



WARNINGS



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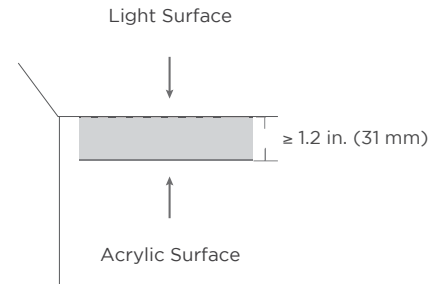
DO NOT overbend
Flexible BackLyte panels



VHB tape is recommended
for placement only.
Use washers and screws
for permanent installation.



Protection Rating:
IP20 for interior applications

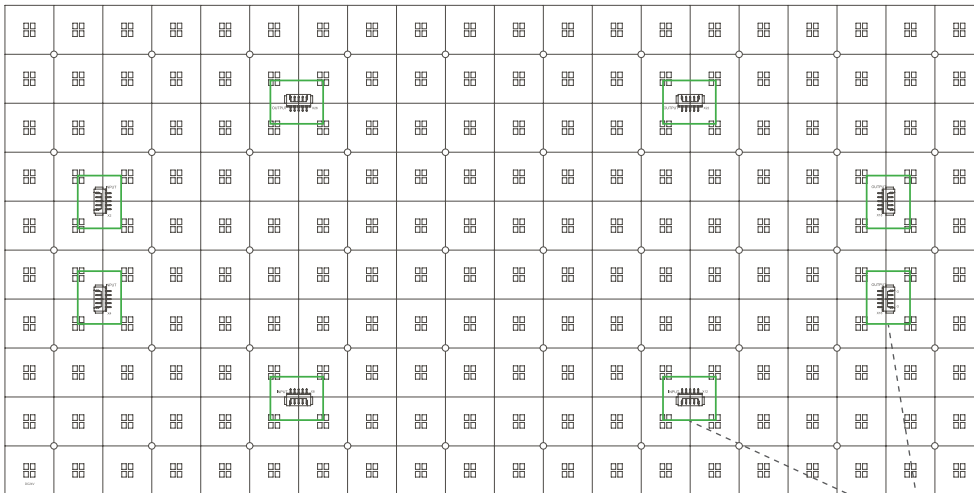


Recommended distance from BackLyte
to polycarbonate/acrylic surface
≥ 1.2 in. (31 mm)

TRIMMING AND POWER INPUT

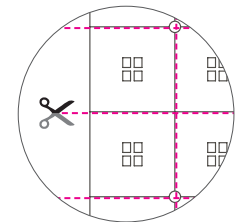
Flexible BackLyte can be trimmed to custom shapes along the marked lines. It can be powered with any one of the 8 power terminals (outlined in green), which can supply power to the entire sheet.

See examples below:



Power Terminals

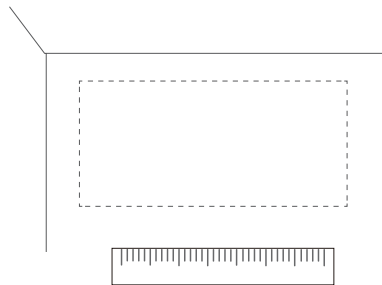
Cut along the square lines.



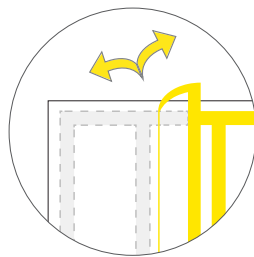
NOTE: Ensure that power is
not connected while cutting
Flexible BackLyte.

STANDARD INSTALLATION

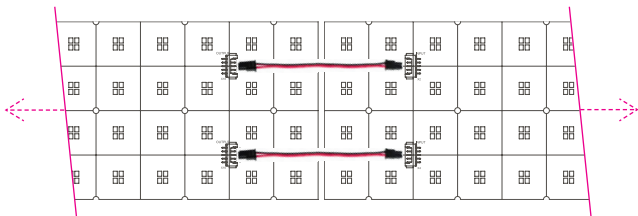
1. Measure and mark as needed to determine installation location.



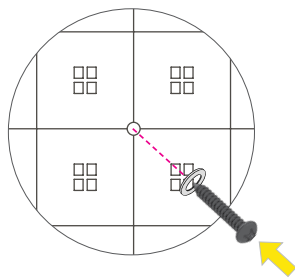
2. Peel protective backing from VHB tape. Place Flexible BackLyte sheet in desired location.



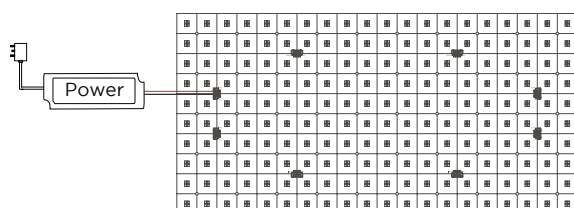
3. Make any daisy chain connections (up to 2 RGBW panels) with jumpers.



4. Using plastic washers, attach screws to surface through existing holes on Flexible BackLyte panel

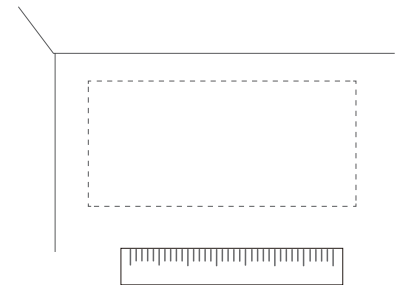


5. Connect Flexible BackLyte to power supply and controls.

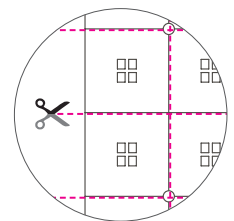


CUSTOM INSTALLATION

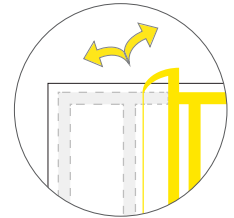
1. Measure and mark as needed to determine installation location.



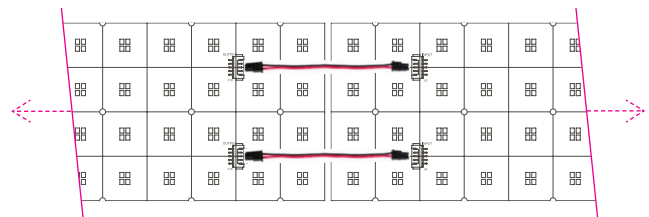
2. Trim Flexible BackLyte along marked lines to achieve desired shape.



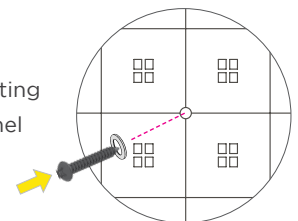
3. Peel protective backing from VHB tape. Place Flexible BackLyte sheet in desired location.



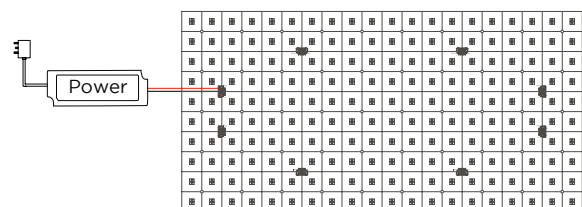
4. Make any daisy chain connections (up to 2 RGBW panels) with jumpers.



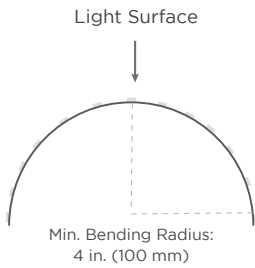
5. Using plastic washers, attach screws to surface through existing holes on Flexible BackLyte panel



6. Connect Flexible BackLyte to power supply and controls.



WARNINGS



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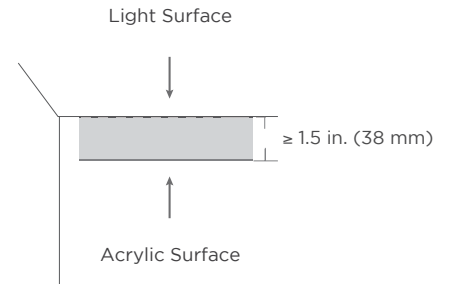
DO NOT overbend
Flexible BackLyte panels



VHB tape is recommended
for placement only.
Use washers and screws
for permanent installation.



Protection Rating:
IP20 for interior applications



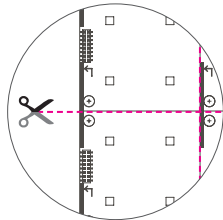
Recommended distance from Pixel Flexible
BackLyte to polycarbonate/acrylic surface
≥ 1.5 in. (38 mm)

TRIMMING AND POWER INPUT

Pixel Flexible BackLyte can be trimmed to custom shapes along the marked lines. It is powered and controlled through connections (outlined in green) at the top of the sheet.

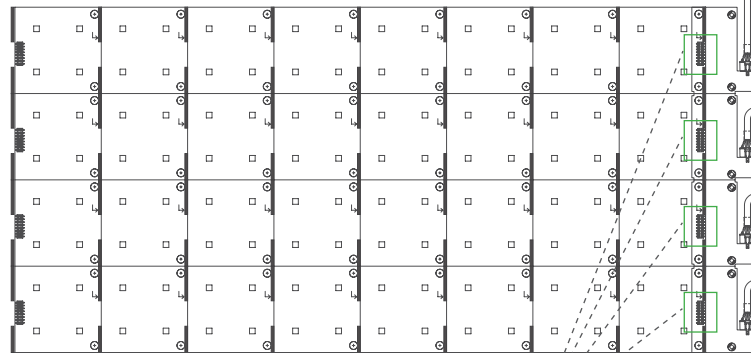
See examples below:

Cut along the dotted lines

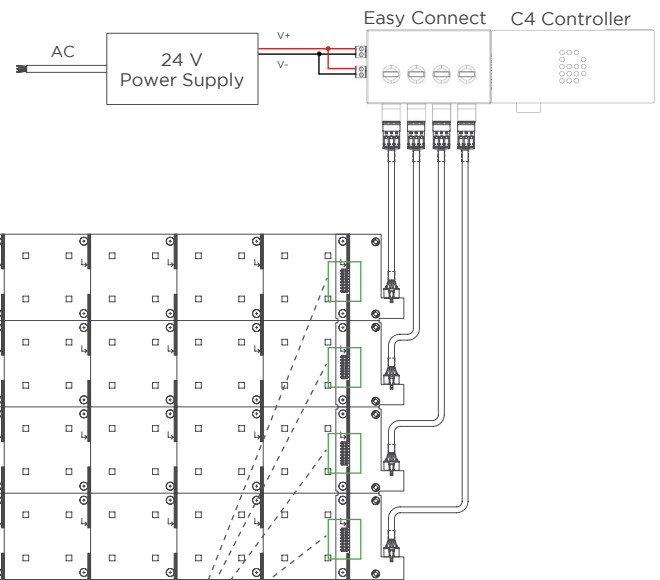


Cut along the square lines.
There are four programmable
LEDs in each square.

NOTE: Ensure that power is
not connected while cutting
Flexible BackLyte.

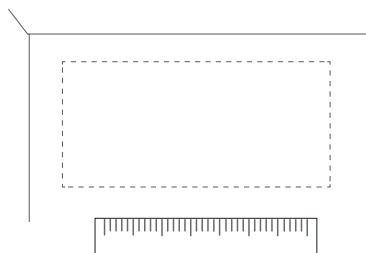


Power Terminals

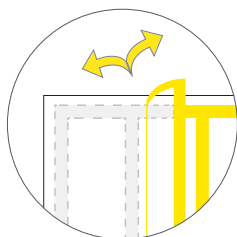


STANDARD INSTALLATION

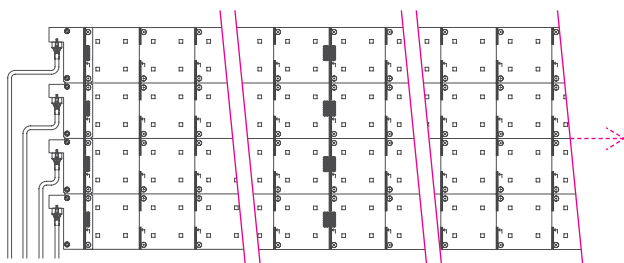
1. Measure and mark as needed to determine installation location.



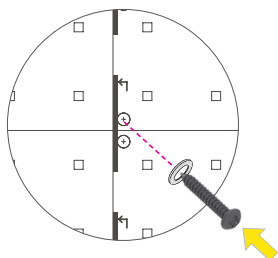
2. Peel protective backing from VHB tape. Place Pixel Flexible BackLyte sheet in desired location.



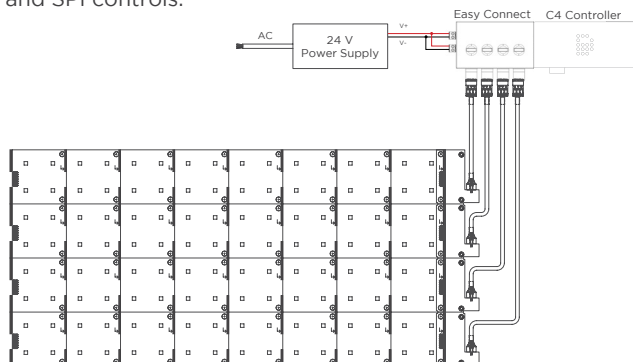
3. Make any daisy chain connections (up to 8 programmable panels).



4. Using plastic washers, attach screws to surface through existing holes on Pixel Flexible BackLyte panels.

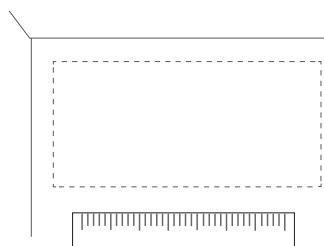


5. Connect Pixel Flexible BackLyte to power supply and SPI controls.

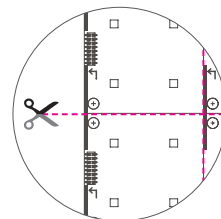


CUSTOM INSTALLATION

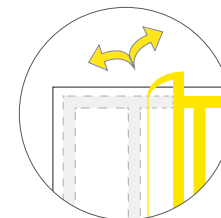
1. Measure and mark as needed to determine installation location.



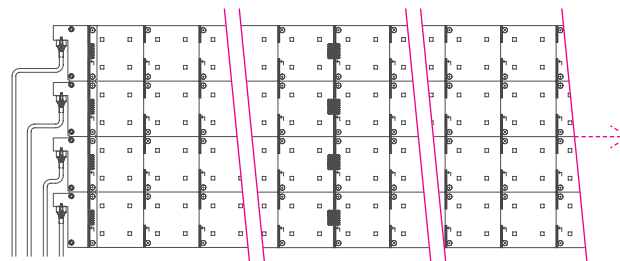
2. Trim Flexible BackLyte along marked lines to achieve desired shape.



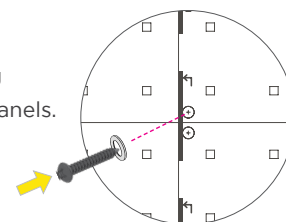
3. Peel protective backing from VHB tape. Place Pixel Flexible BackLyte sheet in desired location.



4. Make any daisy chain connections (up to 8 programmable panels).



5. Using plastic washers, attach screws to surface through existing holes on Pixel Flexible BackLyte panels.



6. Connect Pixel Flexible BackLyte to power supply and SPI controls.

