

Part Number

69986

36' LED Light Strips (65347)



**Roof Bow Harnesses #2-3
(63482 & 63483)**



Module LED Harness (63485)



Product Features

- This kit is compatible with the Ford Transit low roof.
- Included in this kit is two (2) LED light strips (65347), one (1) roof bow harness #2 (63482), one (1) roof bow harness #3 (63483), one (1) module LED harness (63485).
- There are no OEM options this kit is not compatible with and there are no OEM options this kit requires.

Model Year Validated:

2023

PURCHASED COMPONENT KEY FEATURES

DESCRIPTION OF REQUIREMENTS

DIMENSIONAL REQUIREMENTS (AS SHOWN ON DRAWING)

N/A

LOAD/RATING REQUIREMENT

N/A

MATERIAL REQUIREMENT

N/A

PACKAGING REQUIREMENT

N/A

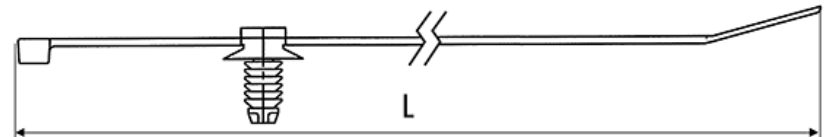
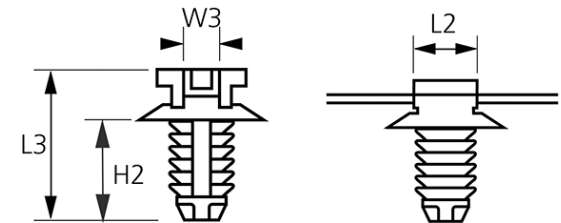
OTHER REQUIREMENTS

- **Roof Bow #2**
- **(5x) WIRE TIE W/CHRISTMAS TREE**
- **1570mm Length**



P-HARRB2

(5x)



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Sheet 1 of 1

TOLERANCES & INSPECTION

UNLESS OTHERWISE SPECIFIED
 ALL BEND ANGLES ARE 90 DEGREES
 ALL DIMENSIONS ARE IN INCHES.
 REFERENCE DIMENSIONS (X.XXX)
 DO NOT REQUIRE INSPECTION

FEATURES	HOLES/SLOTS	ANGLES
0.0 = ± .125	0.0 = ± .062	0° = ± 2°
0.00 = ± .062	0.00 = ± .031	0.0° = ± 1°
0.000 = ± .031	0.000 = ± .015	

Material Thickness: per ASTM Std.
 Weld Callouts per AWS

RELEASE & REVISIONS

INITIAL ECN: **24359**

CURRENT ECN: **24359**

ECN DESCRIPTION:

QE8539 RELEASE MODULAR DOME LIGHTING

REVISED BY: **MJF**

PURCHASED COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER
ECHOMASTER FLEET SOLUTIONS
 REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER
P-HARRB2
 COLOR (ONLY LIST IF COLOR SPECIFIC)

COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERENCE)
 (NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.)
YES

PART / PRODUCT IDENTIFICATION



ADRIAN STEEL

ADRIAN STEEL COMPANY
 906 JAMES STREET, ADRIAN, MI 49221

REVISION LEVEL

A

MAT'L USED: **PURCHASED**

DESIGNED BY: **MJF**

DESCRIPTION: **ROOF BOW HARNESS #2**

WEIGHT (Lbs.):

.50

SEGMENT CODE: **EAU**

PART NUMBER: **63482**

PURCHASED COMPONENT KEY FEATURES

DESCRIPTION OF REQUIREMENTS

DIMENSIONAL REQUIREMENTS (AS SHOWN ON DRAWING)

N/A

LOAD/RATING REQUIREMENT

N/A

MATERIAL REQUIREMENT

N/A

PACKAGING REQUIREMENT

N/A

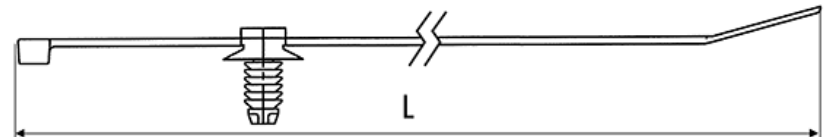
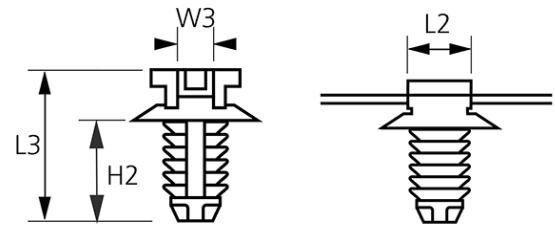
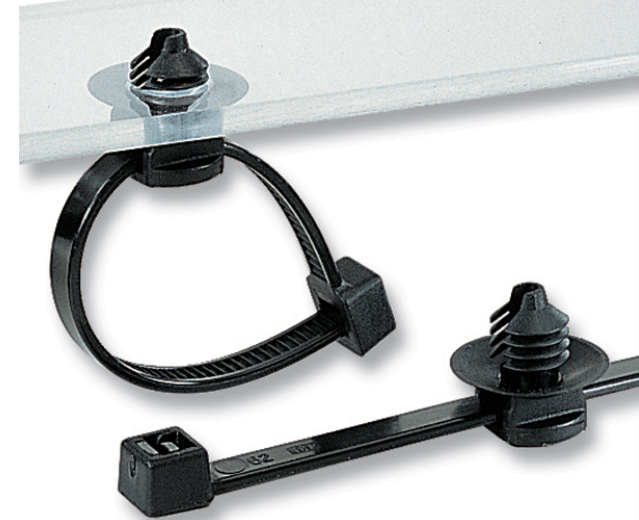
OTHER REQUIREMENTS

- **Roof Bow #3**
- **(5x) WIRE TIE W/CHRISTMAS TREE**
- **2570mm Length**



P-HARRB3

(5x)



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Material Thickness: per ASTM Std.
Weld Callouts per AWS

RELEASE & REVISIONS

INITIAL ECN: 24359

CURRENT ECN: 24359

ECN DESCRIPTION:

QE8539 RELEASE MODULAR DOME LIGHTING

REVISED BY: MJF

PURCHASED COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER
ECHOMASTER FLEET SOLUTIONS

REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER
P-HARRB3

COLOR (ONLY LIST IF COLOR SPECIFIC)

COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERENCE)
(NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.)

YES

PART / PRODUCT IDENTIFICATION



ADRIAN STEEL

ADRIAN STEEL COMPANY
906 JAMES STREET, ADRIAN, MI 49221

REVISION LEVEL

A

MAT'L USED: **PURCHASED**

DESIGNED BY: **MJF**

DESCRIPTION: **ROOF BOW HARNESS #3**

WEIGHT (Lbs.):

.50

SEGMENT CODE: **EAU**

PART NUMBER: **63483**

PURCHASED COMPONENT KEY FEATURES

DESCRIPTION OF REQUIREMENTS

DIMENSIONAL REQUIREMENTS (AS SHOWN ON DRAWING)

N/A

LOAD/RATING REQUIREMENT

N/A

MATERIAL REQUIREMENT

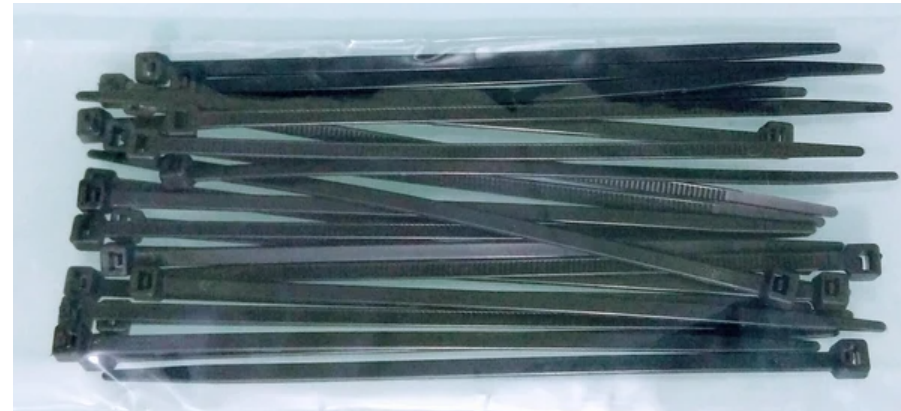
N/A

PACKAGING REQUIREMENT

N/A

OTHER REQUIREMENTS

- **MODULE DOME LED HARNESS LOW ROOF TRANSIT**
- **(25x) Zip-Ties**



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PURCHASED COMPONENT

TOLERANCES & INSPECTION

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Material Thickness: per ASTM Std.
Weld Callouts per AWS

RELEASE & REVISIONS

INITIAL ECN: 24359

CURRENT ECN: 24359

ECN DESCRIPTION:

QE8539 RELEASE MODULAR DOME LIGHTING

REVISED BY: MJF

REFERENCED SUPPLIER AND/OR MANUFACTURER
ECHOMASTER FLEET SOLUTIONS
REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER
CL-FT1

COLOR (ONLY LIST IF COLOR SPECIFIC)

COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERENCE)
(NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.)

YES

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ADRIAN STEEL IDENTIFICATION COMPANY

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MAT'L USED: **PURCHASED**

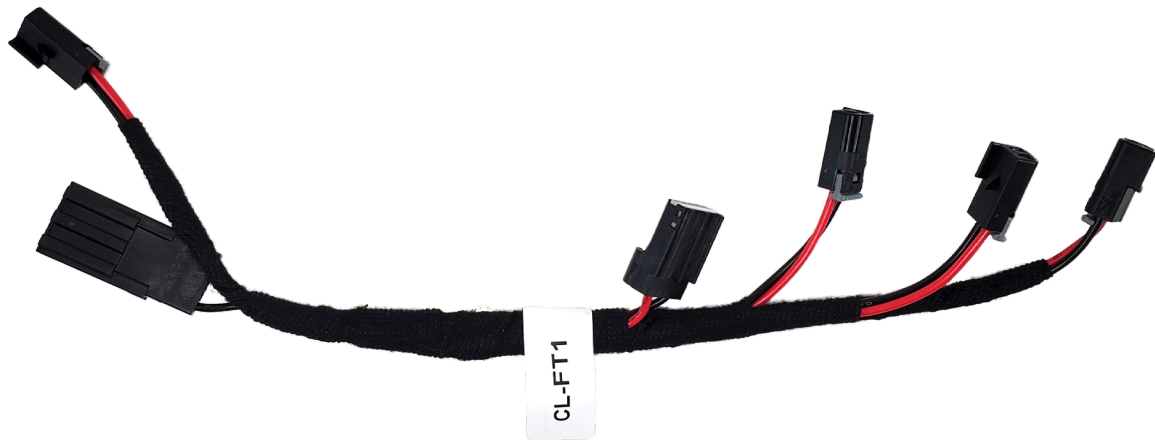
DESIGNED BY: **MJF**

DESCRIPTION: **MODULE LED HARN LR FDT**

WEIGHT (Lbs.): **.50**

SEGMENT CODE: **EAU**

PART NUMBER: **63485**



CL-FT1

Wiring Harness for Cargo Lighting 2020-2023 Ford Transit Van (Low Roof)

INSTALLATION MANUAL



Thank you for purchasing the **CL-FT1**

Table of Contents

- Page 3** - Tools Required For Installing Additional Accessories
Page 8 - Wiring Diagram

WHAT'S INCLUDED:

- Vehicle Specific Wire Harness (CL-FT1)
- 6" Cable Ties (25)

COMPATIBLE ACCESSORIES:

- LED Dome Lamp (STL40489-2)
- 1100mm Roof Bow Harness (P-HARRB1)
- 1570mm Roof Bow Harness (P-HARRB2)
- 2570mm Roof Bow Harness (P-HARRB3)
- 3470mm Roof Bow Harness (P-HARRB4)



TOOLS REQUIRED:



1. Diagonal Cutters
2. Phillips #2 Drill Bit
3. Drill



STEP 1:

Locate the OEM Cargo Lamp connection that is behind the vehicle's first roof bow on the driver's side of the vehicle.



STEP 2:

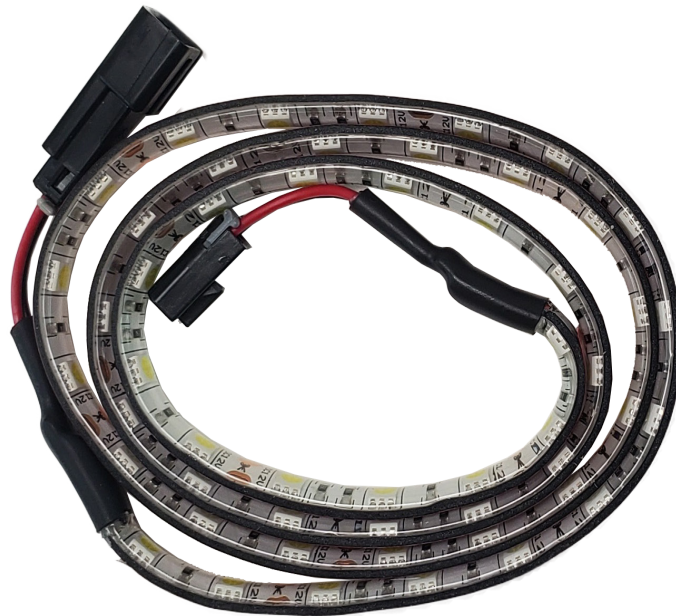
Unplug the OEM Cargo Lamp connectors and install the CL-FT1 harness between the two connectors.



STEP 3:

Install the STL40489 (or alternate CL-xxBLED) lights onto the center of each roof bow; leave the light connector exposed

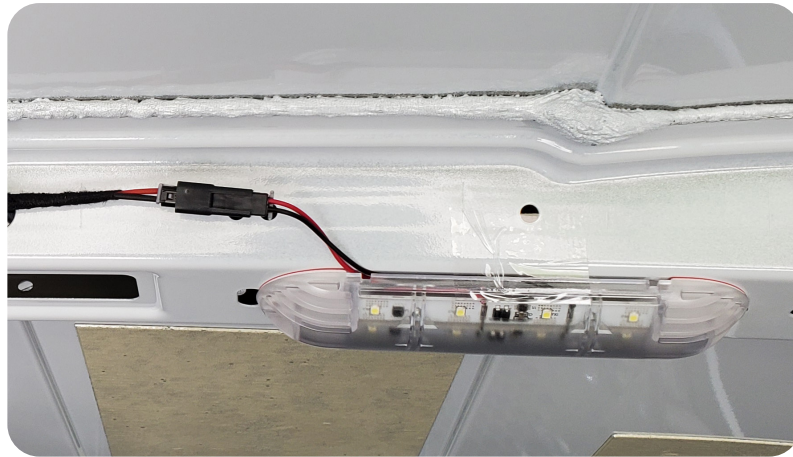
- Peel the red adhesive liners off and stick the light in place
- Use the provided 3/4" screws to secure the STL40489 light to the roof rib



STEP 4:

Connect the appropriate P-HARRBx roof bow harness to each installed light.

- Refer to the diagram on page 8 to confirm proper P-HARRBx for each roof bow



STEP 5:

Use the fir tree cable ties that are packaged with each P-HARRBx to secure the harness to the vehicle's roof bow. Trim off excess cable tie material with diagonal cutters after harness is secure.



STEP 6:

Route all P-HARRBx roof bow harnesses alongside the OEM wire harnesses.

- Use the provided 6" cable ties to secure the harness
- Trim off excess cable tie material with diagonal cutters



STEP 7:

Plug all installed P-HARRBx harnesses into the mating connectors on the CL-FT1 harness.

- Use the provided 6" cable ties to secure all harnesses
- Trim off excess cable tie material with diagonal cutters

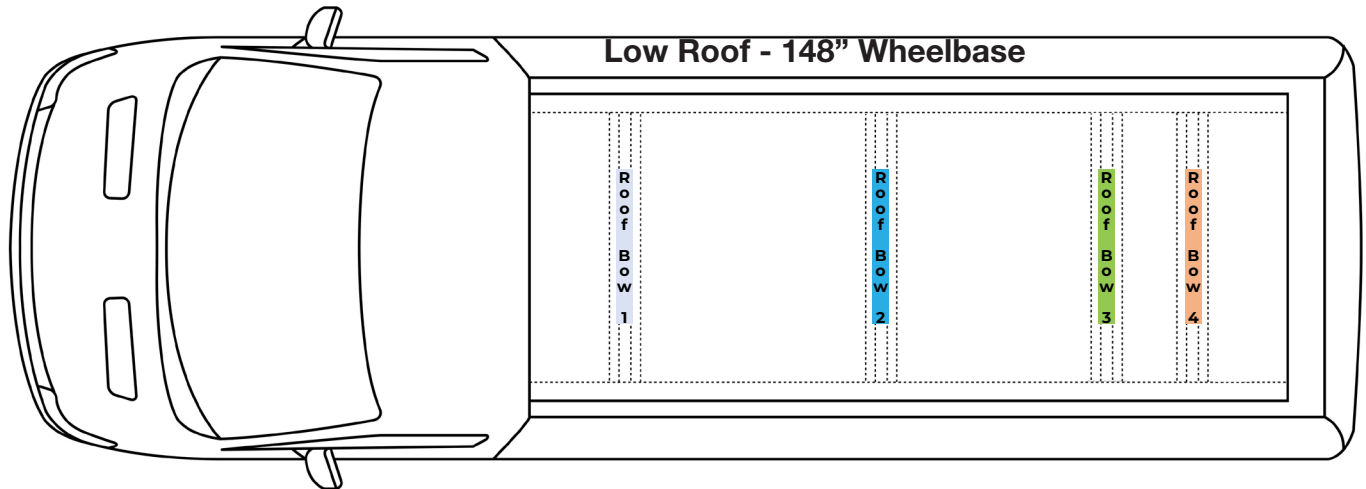
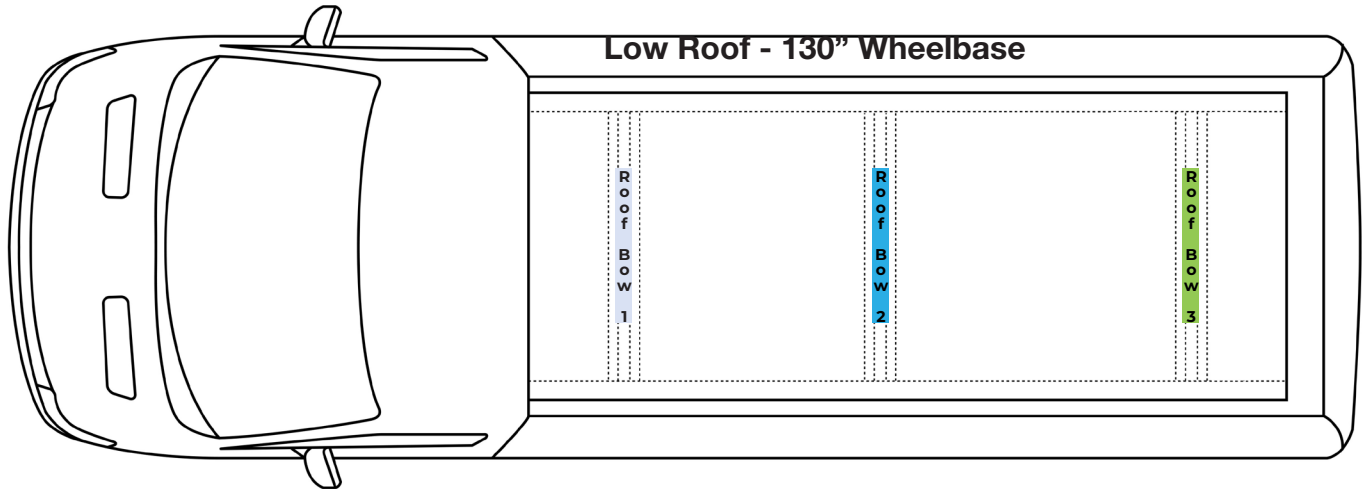


STEP 8:

Confirm all installed lights are operational



Vehicle	Roof Bow 1	Roof Bow 2	Roof Bow 3	Roof Bow 4
Transit - Low Roof 130" WB	P-HARRB1	P-HARRB2	P-HARRB3	N/A
Transit - Low Roof 148" WB	P-HARRB1	P-HARRB2	P-HARRB3	P-HARRB4





Phone – 866-766-2267

E-Mail – support@aampglobal.com



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PURCHASED COMPONENT KEY FEATURES

DESCRIPTION OF REQUIREMENTS

DIMENSIONAL REQUIREMENTS (AS SHOWN ON DRAWING)

N/A

LOAD/RATING REQUIREMENT

N/A

MATERIAL REQUIREMENT

N/A

PACKAGING REQUIREMENT

N/A

OTHER REQUIREMENTS

Note:

Connector / Terminal Configuration:

- MALE 2 PIN ON ONE END
- FEMALE 2 PIN ON THE OPPOSITE END.

BOM:

Item	Qty.	Description
1	1	36" WHITE LED STRIP LIGHT W/ADHESIVE
2	2	4" ZIP TIE
3	2	CABLE TIE MOUNT
4	1	ALCOHOL PAD



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Material Thickness: per ASTM Std.
Weld Callouts per AWS

RELEASE & REVISIONS

INITIAL ECN: **24697**

CURRENT ECN: **25778**

ECN DESCRIPTION:

Revise Modular Lights With New 3M Adhesive

REVISED BY: **JLT**

PURCHASED COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER

AAMP

REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER

CL-36BLED rev.B

COLOR (ONLY LIST IF COLOR SPECIFIC)

COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERENCE)
(NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.)

YES

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Sheet 1 of 1

PART / PRODUCT IDENTIFICATION



ADRIAN STEEL®

ADRIAN STEEL COMPANY
906 JAMES STREET, ADRIAN, MI 49221

REVISION LEVEL

B

MAT'L USED:

DESIGNED BY: **J. TYNER**

DESCRIPTION:

MODULE DOME LED STRIP 36"

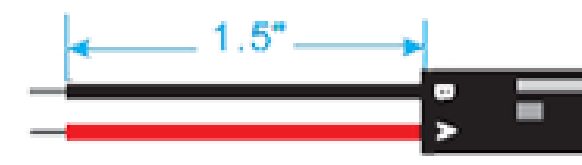
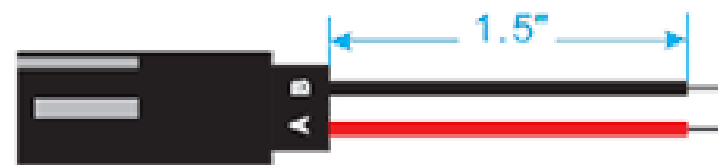
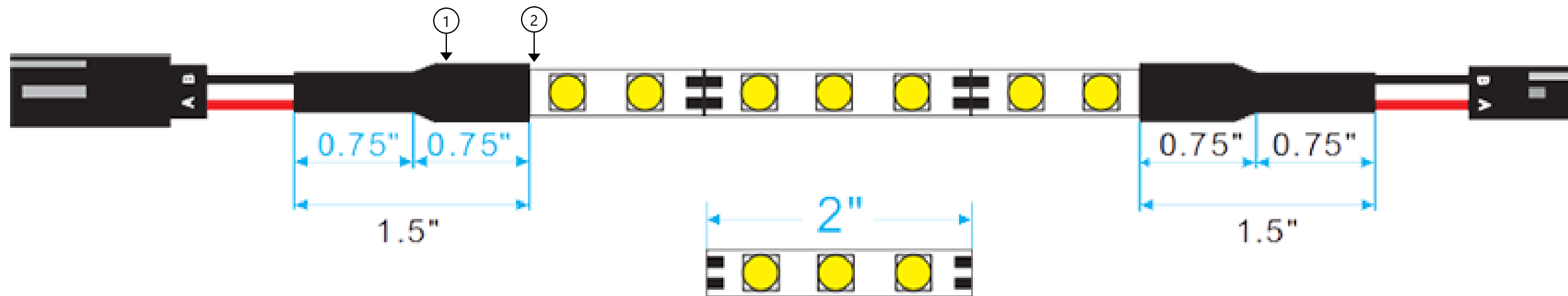
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SEGMENT CODE: **EAU**

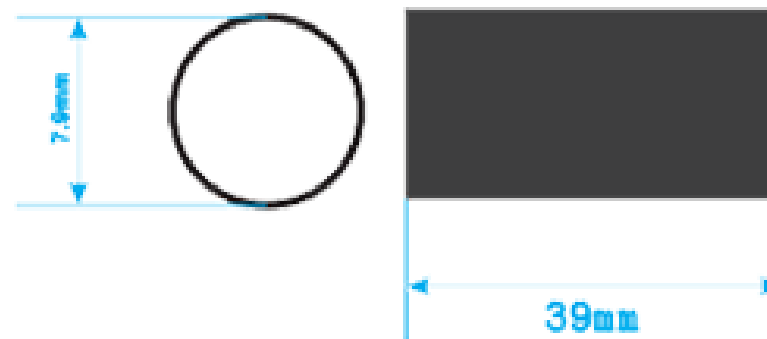
PART NUMBER: **65347**

Notes

- ① 3:1 Adhesive Heat Shrink to be placed over LED Solder Joints
- ② 5925 Adhesive Liner Edges to be exposed next to heat shrink



12"=6X
 24"=12X
 36"=18X
 48"=24X



Revisions

Rev.	Date	Author	Description
A	11/1/21	Bennet Fisher	Initial Drawing
B	7/27/2022	Bennet Fisher	Adhesive changed to VHB 5925

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN MILLIMETERS [INCHES]
 TOLERANCES: ±5MM

PROPRIETARY AND CONFIDENTIAL

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	Name	Date
Designed By	Bennet Fisher	11/1/21
Engineering Approval		
Manufacturing Approval		
Revision Approval		
Quality Assurance		



Part Number: CL-36BLED	Revision: B
Description: 36" LED Strip	Sheet: 1