

## LED2160

## LED2161

## LED3140

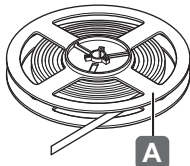
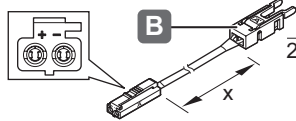
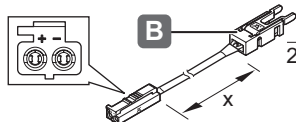
## LED3141

|                |                |
|----------------|----------------|
| 833.74.025-028 | 833.74.215-218 |
| 833.74.045-048 | 833.74.235-238 |
| 833.76.195-198 | 833.76.425-428 |
| 833.76.205-208 | 833.76.435-438 |

732.28.472

|     | 12/24 V System | W/m | 20W | max. (m) →  |      |      |  |  mm/in | T <sub>A</sub>                     |
|-----|----------------|-----|-----|----------------------------------------------------------------------------------------------|------|------|--|-----------------------------------------------------------------------------------------|------------------------------------|
| 12V | LED2160        | 3.0 | 6.6 | 13.3                                                                                         | 20.0 |      |  | 5000 x 5 x 1.3<br>196.85 x 0.19 x 0.05<br>50000 x 5 x 1.3<br>1986.85 x 0.2 x 0.05       | -20 °C – +45 °C<br>-4 °F – +113 °F |
|     | LED2161        | 6.0 | 3.3 | 6.6                                                                                          | 10.0 |      |  |                                                                                         |                                    |
| 24V | LED3140        | 3.0 | 6.6 | 13.3                                                                                         | 20.0 | 30.0 |  |                                                                                         |                                    |
|     | LED3141        | 6.0 | 3.3 | 6.6                                                                                          | 10.0 | 15.0 |  |                                                                                         |                                    |

[WS189]

|                                                                                    |                                                                                     |                                                                                                 |   |     |              |            |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---|-----|--------------|------------|
|   |                                                                                     |               |   |     |              |            |
|  |   | <table><tr><td>x</td><td>12V</td></tr><tr><td>2000 / 78.74</td><td>833.95.705</td></tr></table> | x | 12V | 2000 / 78.74 | 833.95.705 |
|                                                                                    | x                                                                                   | 12V                                                                                             |   |     |              |            |
| 2000 / 78.74                                                                       | 833.95.705                                                                          |                                                                                                 |   |     |              |            |
|                                                                                    |  | <table><tr><td>x</td><td>24V</td></tr><tr><td>2000 / 78.74</td><td>833.95.711</td></tr></table> | x | 24V | 2000 / 78.74 | 833.95.711 |
| x                                                                                  | 24V                                                                                 |                                                                                                 |   |     |              |            |
| 2000 / 78.74                                                                       | 833.95.711                                                                          |                                                                                                 |   |     |              |            |

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| x            | 12/24V     |
|--------------|------------|
| 50 / 1.97    | 833.89.194 |
| 500 / 19.68  | 833.89.195 |
| 2000 / 78.74 | 833.89.196 |

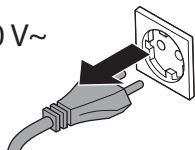
833.89.207

833.89.190

i



100 - 240 V~

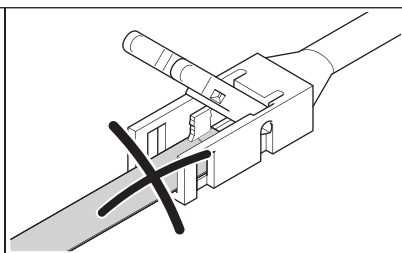
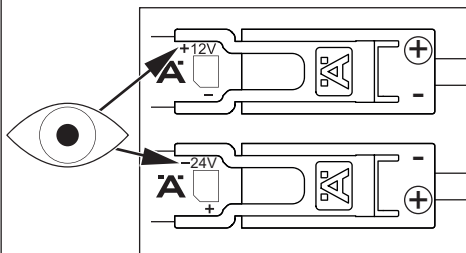
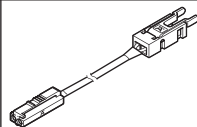
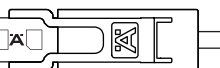


1

12V/24V:



tc: max.105°



①

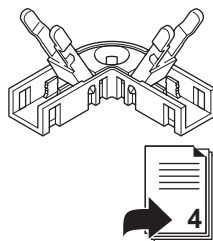
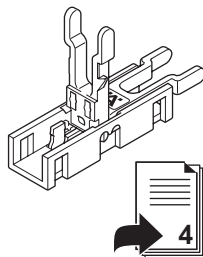
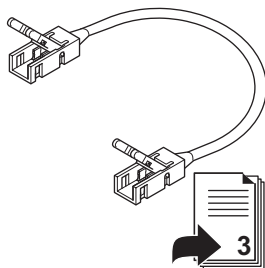
A

B

②



+

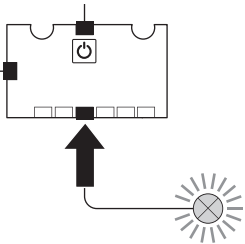
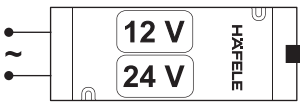


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[WS189]

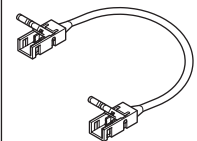
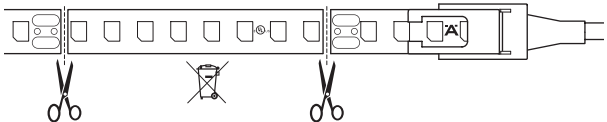
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2

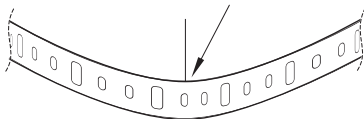


+

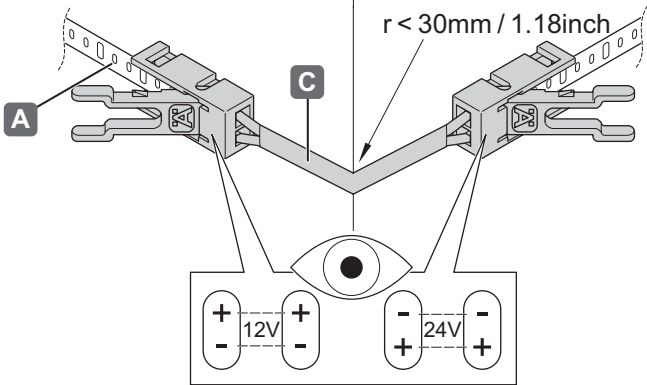
12V/24V:



$r \geq 30\text{mm} / 1.18\text{inch}$



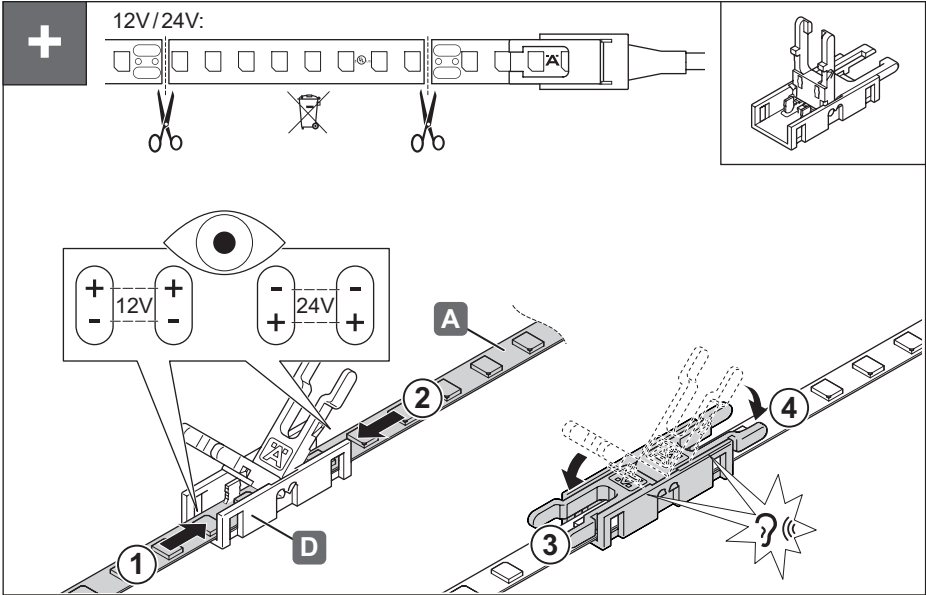
$r < 30\text{mm} / 1.18\text{inch}$



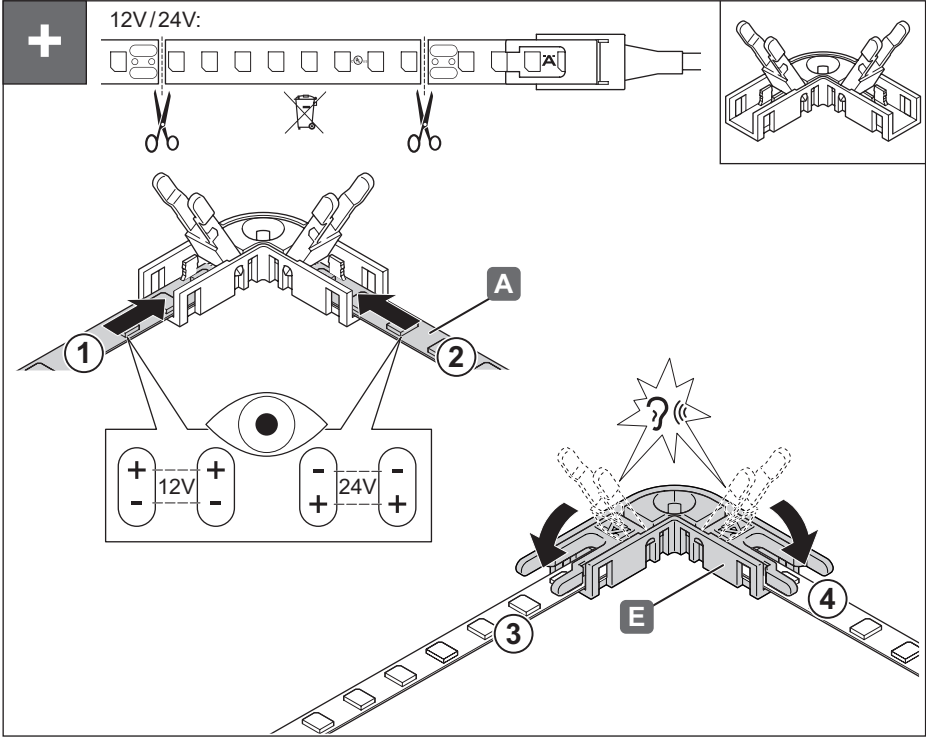
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[WS189]

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[WS189]

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