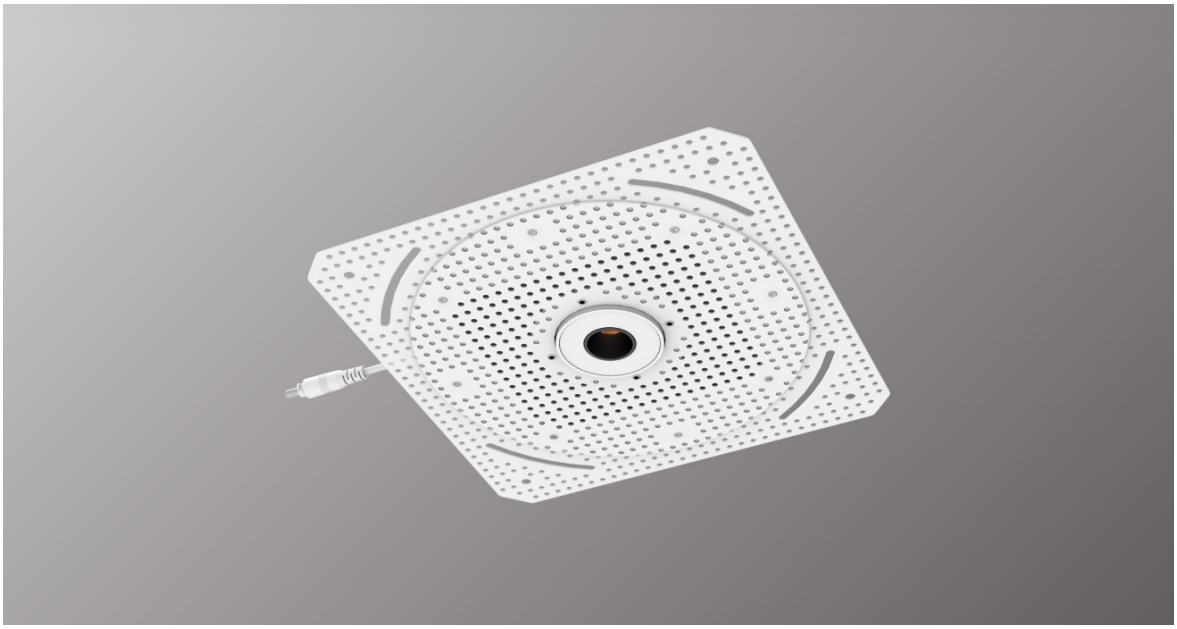
techoLED®
BROOKLYN • NY

# MX - MICRO SERIES

Rev. Date: 09/15/2026

| Project: | Type: |
| --- | --- |
| | Comments: |



## Highlights

1” aperture shallow, high output, architectural downlight

**LED:** Cree-LED chips, 2700-6000K, CRI>90, 100,000 hour rated lifespan

**Optical**: 24°, 36° and 48° beam angle, square and round aperture

**Construction:** High grade steel and aluminum, shallow 1.3” housing, Perspex diffuser, remote driver, powder coat finish, trimless, damp location listed, IC rated

5-year limited warranty

techoLED®
BROOKLYN • NY

# MX - MICRO SERIES

Rev. Date: 09/15/2026

| Project: | Type: |
|---|---|
| | Comments: |

## Configuration Example

| Model # | Aperture | Wattage | Color Temp. | Beam Angle | Voltage | Finish | Lumen Output |
|---|---|---|---|---|---|---|---|
| TECHOLED-MX-S-16-27-24-U-B | Square | 16W | 2700K | 24° | 110-277V | Black | 1154Lm |

## Ordering Guide:

Select one option from each group below. For a custom preference please contact sales@techoled.com

| 1-FIXTURE ID | | 2-APERTURE | | 3-WATTAGE | | 4-COLOR TEMPERATURE | |
|---|---|---|---|---|---|---|---|
| **MX** | Micro Series | **S** | Square | **16** | 16W | **27** | 2700K |
| | | **R** | Round | | | **30** | 3000K |
| | | | | | | **35** | 3500K |
| | | | | | | **40** | 4000K |
| **5-BEAM ANGLE** | | **6-VOLTAGE** | | **7-FINISH** | | **8-MOUNTING** | |
| **24** | 24° | **U** | 110-277V | **B** | Black | **NC** | New Construction |
| **36** | 36° | | | **W** | White | **RM** | Remodel |
| **48** | 48° | | | | | | |
| **9-DRIVER OPTIONS** | | **10-OPTIONS** | | **11-OPTIONS (CONT.)** | | | |
| **DM** | 0-10V Dimming | **M** | Motion Sensor (remote) | **EM** | EM Battery (remote) | | |
| **DM1%** | 1% Dimming | **X** | None | **X** | None | | |

| Project: | Type: |
|---|---|
| | Comments: |

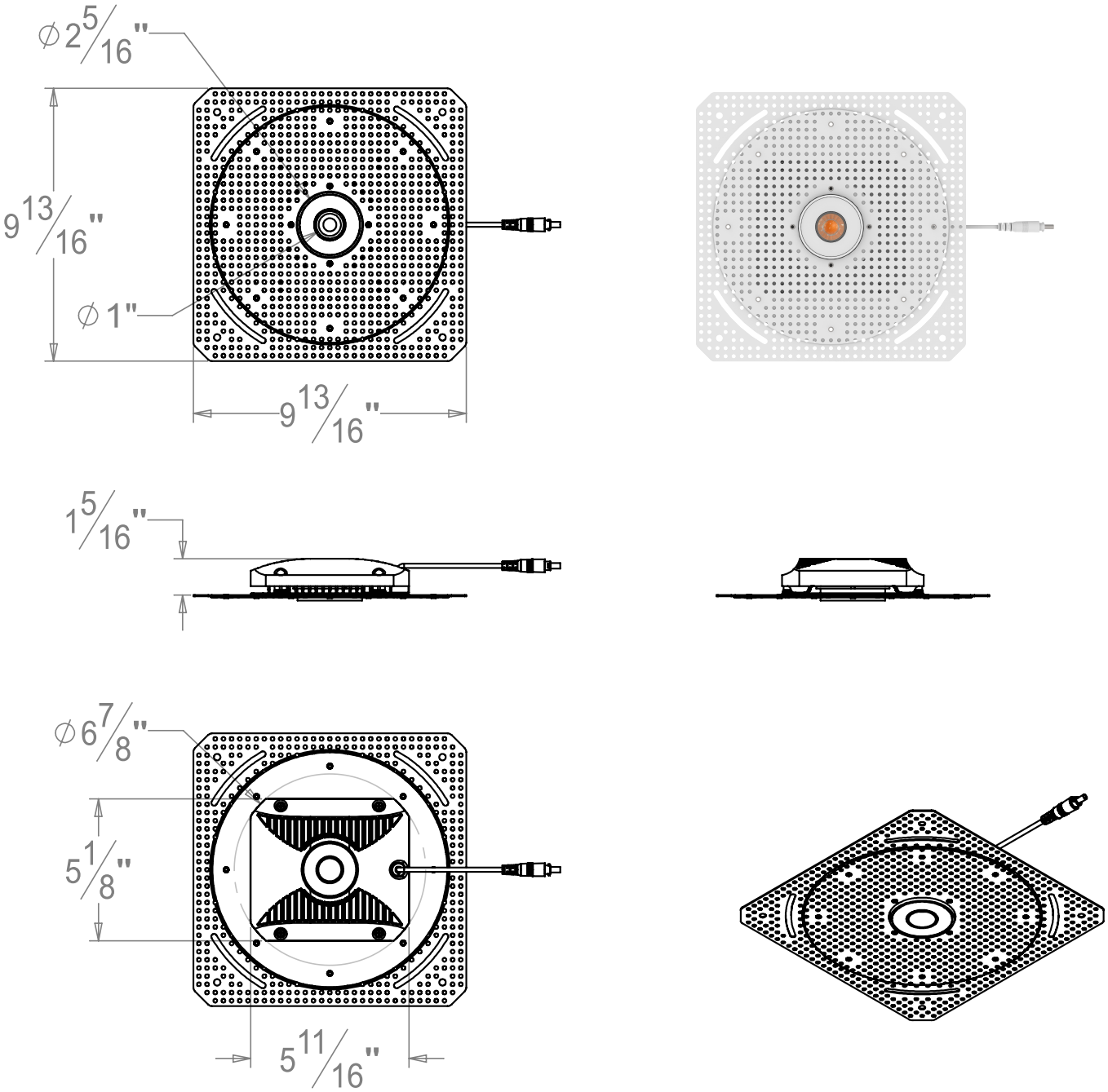
## Options Details

| Code | Description |
|---|---|
| EM | Emergency Battery Backup (remote) |

| Project: | Type: |
|---|---|
| | Comments: |

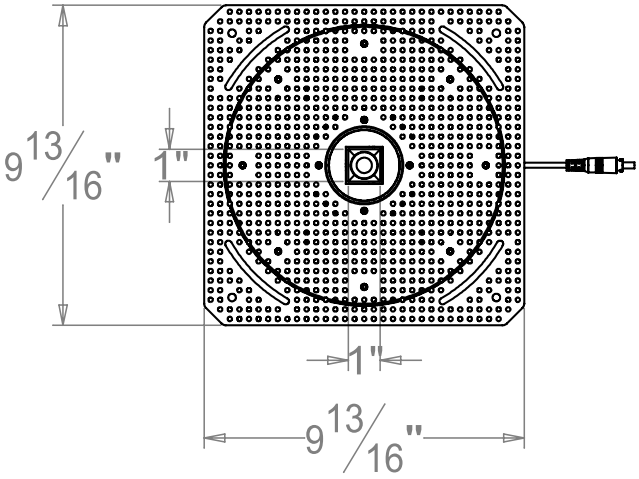
## Dimensions and Mounting

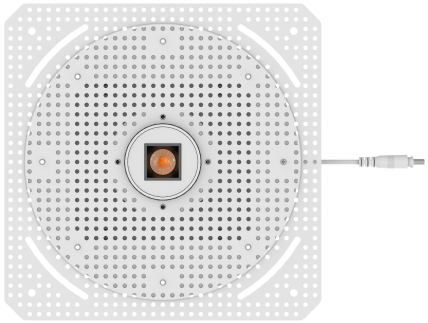
### Round

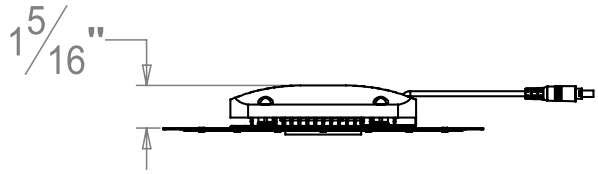


| Project: | Type: |
|---|---|
| | Comments: |

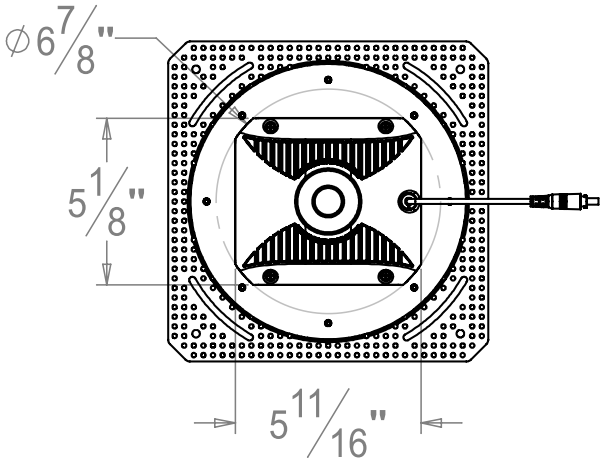
## Square

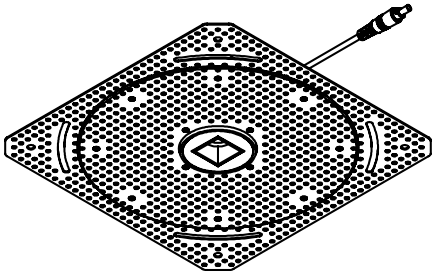


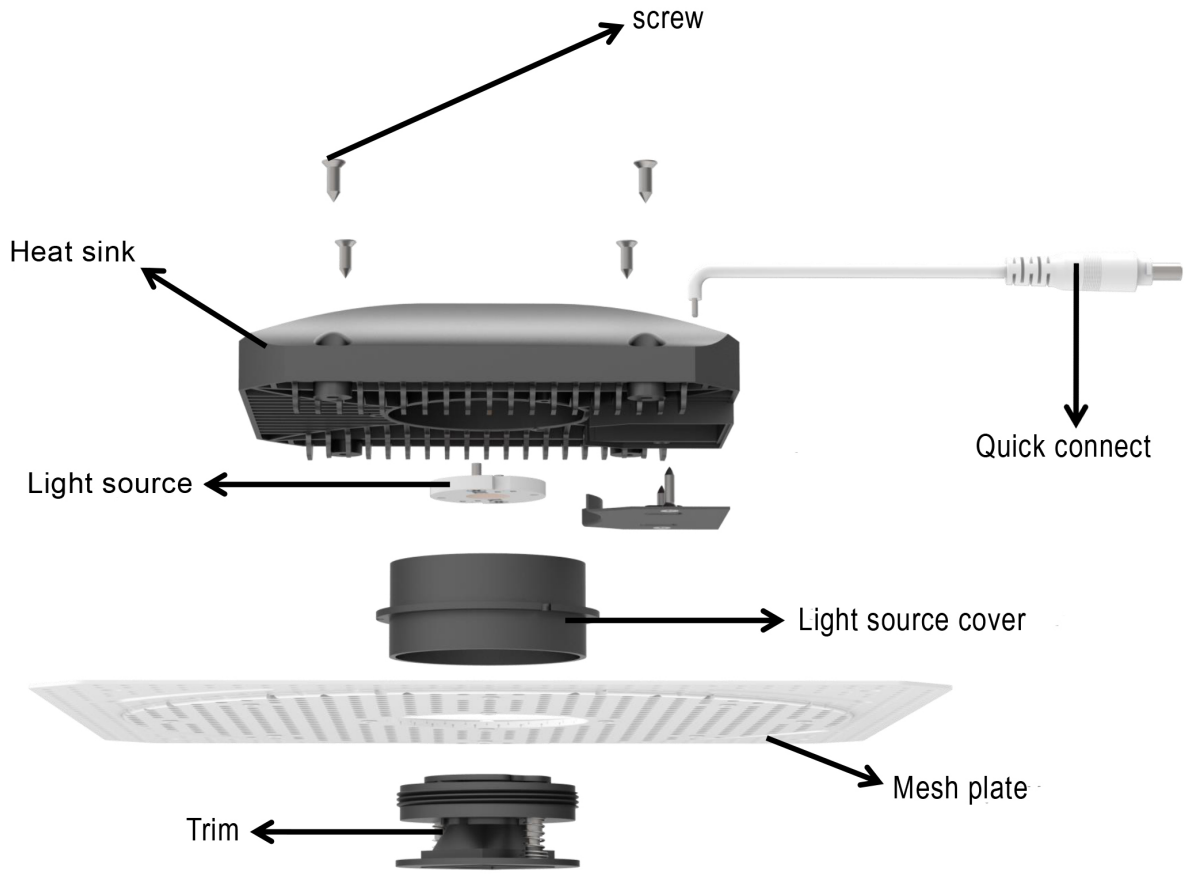




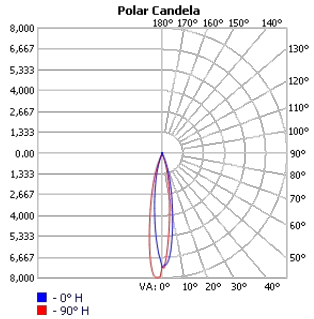



| Project: | Type: |
|---|---|
| | Comments: |

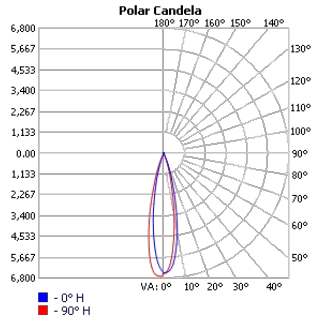


| Project: | Type: |
|---|---|
| | Comments: |

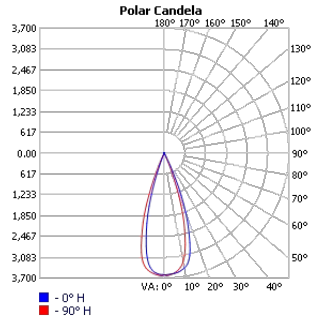
## Photometrics



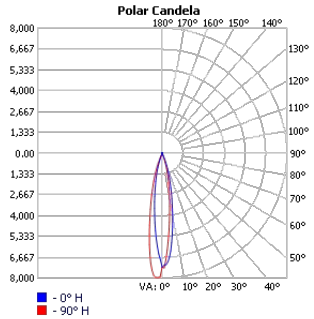

TECHOLED-MX-R-16-30-24



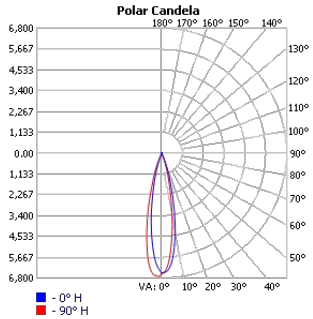

TECHOLED-MX-R-16-30-36



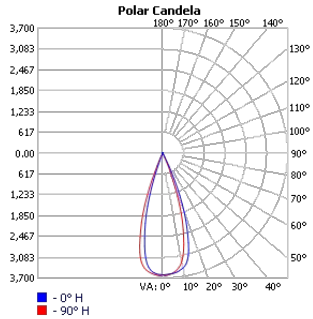

TECHOLED-MX-R-16-30-48




TECHOLED-MX-S-16-30-24



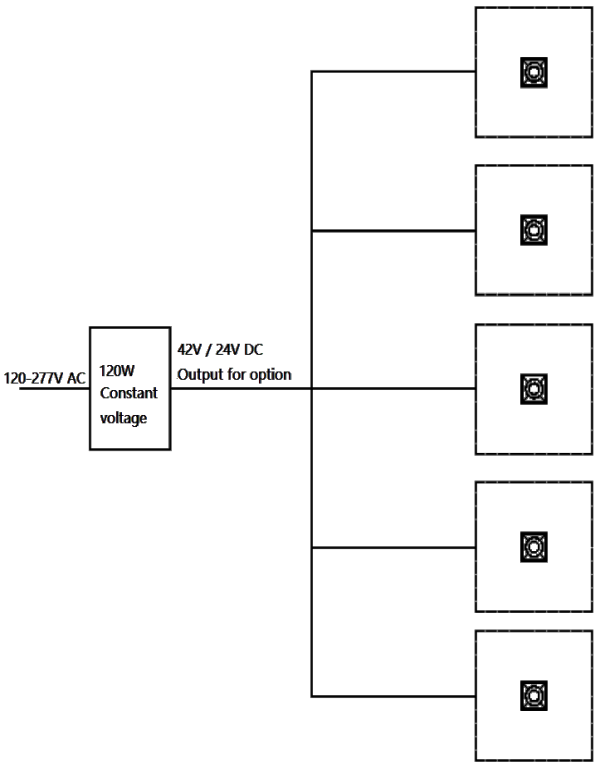

TECHOLED-MX-S-16-30-36




TECHOLED-MX-S-16-30-48

| Project: | Type: |
|---|---|
| | Comments: |

## Wiring Diagram




Line Pressure Drop Reference Table

| | 18AWG | 16AWG | 14AWG | 12AWG | 10AWG |
|---|---|---|---|---|---|
| 1 Light | 120' | 250' | 400' | 630' | 1000' |
| 2 Lights | 80' | 120' | 200' | 320' | 500' |
| 3 Lights | 52' | 83' | 132' | 210' | 330' |
| 4 Lights | 40' | 60' | 100' | 160' | 250' |
| 5 Lights | 32' | 50' | 80' | 125' | 200' |

Driver output line voltage drop reference table (out=42V/24V lamp=16W Voltage drop≤5%)