

FEATURES

VOLTAGE: 12V DC PER MODULE

CURRENT: 40mA PER MODULE

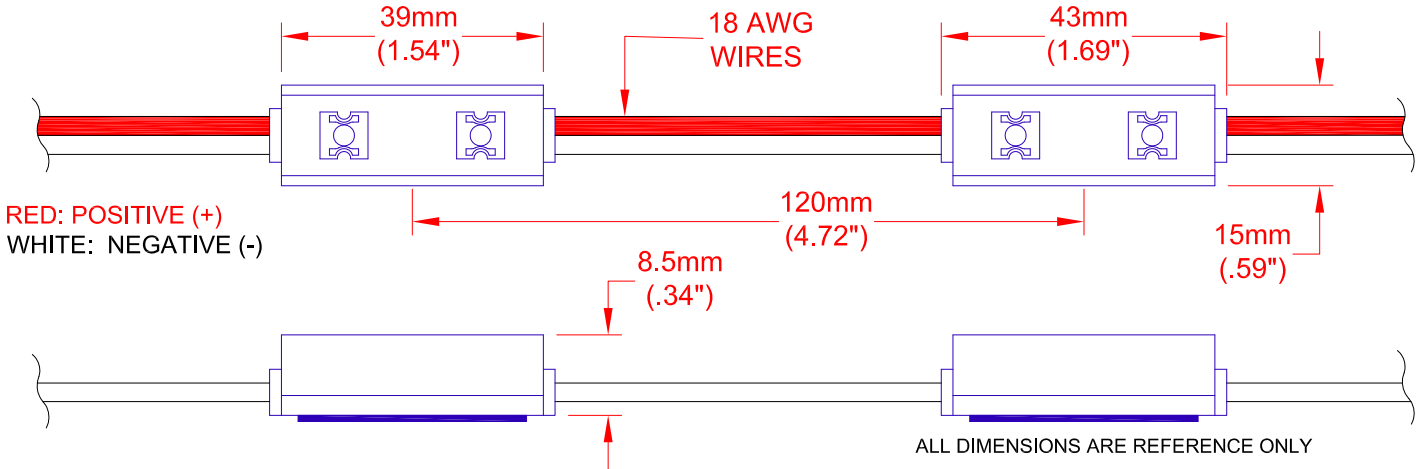
LED VIEWING ANGLE (2 θ 1/2): 120°

MODULE THICKNESS: 8.5mm

PACKAGE: 50 MODULES PER REEL

IP67

15mm X 43mm WATER RESISTANT LED MODULES



ALL DIMENSIONS ARE REFERENCE ONLY

NOTES:

- STANDARD MOUNTING INCLUDES ADHESIVE BACKING.
- JKL ACCESSORIES TO BE ORDERED SEPARATELY: ZPS-1235 OR ZPS-1260 POWER SUPPLIES.
- DUE TO WIRE GAUGE USED IN THE CONSTRUCTION OF THE MODULES SERIAL RUNS SHOULD BE LIMITED TO 16 FEET OR 50 MODULES.
- POWER CONSUMPTION 1.4 WATTS PER FOOT.

PLEASE REFER TO JKL APPLICATION SHEET: JKL-AS-ZM-CHANNEL-LED FOR INSTALLATION AND POWER RECOMMENDATIONS.

Electrical/Optical Characteristics at TA = 25°C

| Parameter | Symbol | Condition | Min | Typ | Max | Unit |
|---------------------------|---------|-----------|---------|-----|-----|-----------|
| Forward Voltage DC | VF | IF = 40mA | -- | 12 | -- | V |
| Color Temperature | TC | IF = 40mA | RED 625 | | | nm |
| Luminous Flux per Module | φV/Mod | IF = 40mA | -- | 14 | -- | lm/module |
| Luminous Flux per Ft. | φV/Ft | -- | -- | 42 | -- | lm/ft |
| Recommend Forward Current | IF(rec) | -- | -- | 40 | -- | mA |

Absolute Maximum Rating at TA = 25°C

| Parameter | Symbol | Absolute Maximum Rating | Unit |
|-------------------------|--------|-------------------------|------|
| Forward Current | IF | 40 | mA |
| Power Dissipation | PD | 0.5 | W |
| Electrostatic Discharge | ESD | 800 | V |
| Operating Temperature | Topr | -20~+70 | °C |
| Storage Temperature | Tstg | -40~+80 | °C |



ATTENTION



OBSERVE PRECAUTION FOR HANDLING ELECTROSTATIC DISCHARGE SENSITIVE DEVICES

JKL PART NO.: ZM-1543-R

| | | | | | | | |
|--|--|---|---|--|--------------------------|-----------------------------------|--|
| <p>METRIC</p> <p>THIRD ANGLE PROJECTION</p> | | <p>DIMENSIONS ARE IN mm & (INCHES)</p> <p>TOLERANCE UNLESS OTHERWISE SPECIFIED</p> <p>1 PL +/- REF.</p> <p>2 PL +/- ANGLE +/-</p> | | <p>JKL COMPONENTS CORPORATION</p> <p>TITLE: RED 2 LED MODULE CHANNEL LIGHT</p> | | | |
| <p>D CHANGE CHART, NOTES & LINE DRW. 11/20/12</p> <p>C ADD REFERENCE NOTE 8/30/11</p> <p>B ADD WIRE TYPE & CHANGE NOTES 7/5/11</p> <p>A ADD UL SYMBOL 4/14/11</p> <p>RELEASED AND CANCEL PL-1101-03 3/2/11</p> | <p>APP'D BY DATE</p> <p>L. WENGSTROM L.R. 11/20/12</p> | <p>SIZE A</p> <p>FSCM NO. 55335</p> <p>DRAWING NO. ZM-1543-R</p> | <p>SCALE NONE</p> <p>RELEASED DATE 3/2/11</p> | <p>REVISION DATE 11/20/12</p> | <p>REV. NO. D</p> | <p>SHEET 1 OF 1</p> | |
| <p>REV. NO. DESCRIPTION/ECO NUMBER</p> | | <p>APP'D DATE</p> | | <p>- CAD DRAWING -</p> <p>MANUAL REVISIONS NOT PERMITTED</p> | | | |