

| |
|----------------------|
| SPECIFICATION |
|----------------------|

MODEL : MINI3-LW-H-xxx

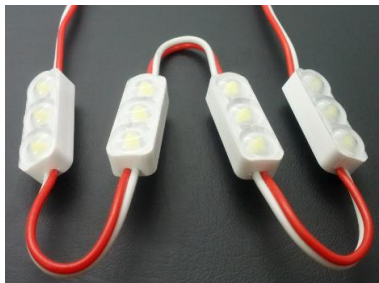
(Wide Angle - 160°)

Nation Star

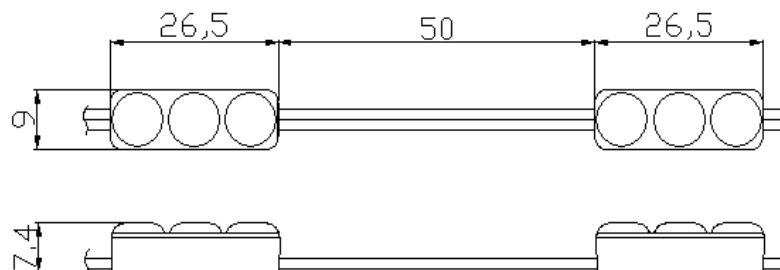
| Supplier | | Customer |
|------------|-------------|-------------|
| Written by | Approved by | Approved by |
| | | |

NCLED CO., LTD

Product Image



Dimension



Characteristic

CE, UL, KS CERTIFIED



Lens - Viewing Angle 160°

- 160° WIDE ANGLE OPTIC LENS APPLIED
- EXCELLENT TRANSMISSIVITY & UNIFORMITY
- APPLICABLE FOR LOWER CHANNEL LETTER

Polycarbonate Cover

- PROTECTION DESIGN FROM Sulfur dioxide(SO2)
- TRACEABILITY MANAGEMENT SYSTEM
- QUALITY CONTROL MARKING SERIAL CODE

COMPACT DESIGN AND CONVENIENT USABILITY

- 3M Tape
- COST REDUCTION FOR MAINTENANCE

Waterproof design - IP68

HIGH EFFICIENCY - 83 lm/W

Long life time - 50,000 Hr

Application note

- BEST SUBSTITUTE FOR CHANNEL LETTER SIGNAGE
- MODIFIED FOR LOWER CHANNEL LETTER
- BACK LIGHT FOR LIGHT BOX
- OUTDOOR INSTALLATIONS

Specification

| Item | Value | | | | | unit |
|----------------------|-----------------------------------|------|------|-------|-------|------|
| Model no | W30 | W65 | W80 | W10 | W12 | - |
| Power Dissipation | 0.48 | | | | | W |
| Forward Voltage | 12 | | | | | Vdc |
| Forward Current | 40 | | | | | mA |
| Luminous Flux | 40 | 42 | 42 | 40 | 40 | lm |
| Luminance Efficiency | 83 | 88 | 88 | 83 | 83 | lm/W |
| CCT(K), ±7% | 3000 | 6500 | 8000 | 10000 | 12000 | K |
| CRI (Ra) | 75 | 75 | 75 | 75 | 75 | Ra |
| LED Spec | 2835 pkg, 0.2W x 3EA (NationStar) | | | | | - |
| Viewing angle | 160° | | | | | deg |
| Module Pitch | 77 ± 3 | | | | | mm |
| Dimension | 26.5 x 9 x 8.2(H) | | | | | mm |
| Weight | 2.5 | | | | | g |
| Max in series | 50 | | | | | EA |
| Operating Temp | -20 ~ 50 | | | | | °C |
| Waterproof | IP68 | | | | | - |
| Life Time | 40,000 | | | | | Hour |
| Cable Wire | UL-AWM2468, awg22x2C | | | | | - |
| Case materials | ABS, UL-94 | | | | | - |
| Cover materials | Polycarbonate, UL-94 | | | | | - |

Photometric characteristics

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

