



**THE DATASHEET OF
CMDA7DR7A1Z**



| REVISIONS | | DESCRIPTION | DATE |
|-----------|--------|-----------------------|---------|
| REV | ECR NO | | |
| A | 20328 | NEW RELEASE | |
| B | 20628 | REMOVED VENDOR No 'S. | 6/25/01 |

| SPECIFICATIONS (Ta=25°C) | | UNITS |
|-----------------------------|-----|-----------|
| G | Y | Y |
| N | N | R |
| C | C | C |
| 20 | 20 | 20 |
| 2.1 | 2.1 | 1.7 |
| 2.8 | 2.8 | 2.3 |
| 100 | 100 | 100 |
| 4 | 4 | 4 |
| 2.6 | 1.5 | 4.4 |
| 5.2 | 3.0 | 8.8 |
| 560 | 580 | 570 |
| 567 | 590 | 572 |
| 70 | 70 | 70 |
| 25 | 25 | 25 |
| 60 | 60 | 60 |
| 30 | 30 | 30 |
| 90 | 90 | 90 |
| | | -30 + 85 |
| | | -40 + 100 |
| 2.6 | 1.5 | 4.4 |
| 5.2 | 3.0 | 8.8 |
| 3.7 | 2.1 | 6.2 |
| 7.4 | 4.2 | 12.4 |
| 5.2 | 3.0 | 8.8 |
| 10.4 | 6.0 | 17.6 |
| 7.4 | 4.2 | 12.4 |
| 14.8 | 8.4 | 24.8 |
| 10.4 | 6.0 | 17.6 |
| | | - |
| | | - |

NOTES:

- ALL DIMENSIONS ARE IN MM
- PULSE WIDTH $\leq 1\text{msec}$, DUTY $\leq 1/20$
 DERATE LINEARLY FROM 25°C
 0.36mA/°C(DC) 0.86mA/°C(PULSE)
- QUANTITY ON TAPE-3000 PCS/REEL
- COVER TAPE ADHESIVE STRENGTH SHALL BE 30-60g
 (ANGLE BETWEEN CARRIER TAPE AND COVER TAPE SHALL BE 10°)
- THE TAPE SHALL BE SO SEALED THAT THE CONTAINED DEVICES WILL NOT COME OUT FROM THE TAPE WHEN IT IS BENT AT A RADIUS OF 15mm
 NAME OF CHICAGO MINIATURE LAMP INC. PART NUMBERS AND QUANTITY SHALL BE STATED ON THE BOX OR BAG. THERE SHALL BE NO REVERSED-ORIENTATION, NO UPSIDE DOWN PLACING, AND NO SIDE PLACING

SHIPPING INFORMATION

- LED'S SHALL BE SORTED INTO FIVE RANKS OF LUMINOUS INTENSITY
- RANK MARKING SHALL BE INDICATED IN THE SPACE OF LOT NO. ON THE PRODUCT LABEL.
- EACH SHIPPING LOT SHALL CONSIST OF MIXED RANKS (A,B,C,D,E) AND THE QUANTITY OF EACH CAN NOT BE SPECIFIED

| | | | |
|--|---------|-------------------------------------|--|
| DIM ARE IN MILLIMETERS | | FOR INSPECTION USE ONLY | |
| THIS DIM IS THE PROPERTY OF CHICAGO MINIATURE LAMP, INC AND IS PROPRIETARY IN GENERAL AND IN DETAIL. IT SHALL NOT BE COPIED OR ITS CONTENTS REVEALED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF CHICAGO MINIATURE LAMP, INC | | SPC DOCUMENTATION REQ. (X R CHARTS) | |
| DRAWN BY | DATE | PART NO. | |
| R. HANES | 4/16/01 | | |
| CHECKED BY | DATE | MODEL NO. | |
| | | | |
| ENG. APPROV. | DATE | MOLD NO. | |
| | | | |
| UNLESS OTHERWISE SPECIFIED TOLERANCES ON: | | MATERIAL | |
| .XX ±0.25 | | FINISH | |
| .XX ±0.25 | | | |
| ANGLE ±1° | | | |

SDRC FILE NAME: B17145

SCALE: NTS

SHEET 2 OF 2

REV B

| CML LED COLOR CODE |
|--------------------|
| A-AMBER |
| O-ORANGE |
| C-CLEAR |
| R-RED |
| Y-YELLOW |
| G-GREEN |
| GY-GREEN/YELLOW |
| D-DIFFUSED |
| N-NON-DIFFUSED |



CHICAGO MINIATURE LAMP, INC.
 147 CENTRAL AVE. HACKENSACK, NJ 07601

TITLE: SURFACE MOUNT LED-RIGHT ANGLE

DIST. V/S DWG NO B17145

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- ✓ Obsolete Management
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