

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

SPECIFICATIONS (Ta=25°C)		UNITS
G	Y	OUTPUT COLOR
N	N	DIFFUSED/NON-DIFFUSED
C	C	PACKAGE COLOR
20	20	RATED CURRENT
2.1	2.1	FORWARD VOLTAGE TYP
2.8	2.8	FORWARD VOLTAGE MAX
100	100	REVERSE CURRENT MAX
4	4	REVERSE VOLTAGE MAX (I _R =100μA)
2.6	1.5	LUMINOUS INTENSITY MIN
5.2	3.0	LUMINOUS INTENSITY TYP
560	580	WAVELENGTH PEAK TYP
567	590	DOMINANT WAVE LENGTH
70	70	POWER DISSIPATION MAX
25	25	FORWARD CURRENT MAX
60	60	PEAK FORWARD CURRENT MAX(NOTE 2)
30	30	SPECTRAL LINE HALF WIDTH TYP
90	90	VIEWING ANGLE
		OPERATING TEMPERATURE
		STORAGE TEMPERATURE
		RANK A LUMINOUS INTENSITY
		RANK B LUMINOUS INTENSITY
		RANK C LUMINOUS INTENSITY
		RANK D LUMINOUS INTENSITY
		RANK E LUMINOUS INTENSITY

NOTES:

- ALL DIMENSIONS ARE IN MM
- PULSE WIDTH $\leq 1\text{msec.}$, DUTY $\leq 1/20$
DERATE L INEARLY 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

FOR INSPECTION USE ONLY

Ⓞ SPC DOCUMENTATION REQ. (X R CHARTS)

DIM ARE IN MILLIMETERS

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DRAWN BY: R. HANES DATE: 4/16/01

CHECKED BY: DATE:

ENG. APPROV. DATE:

UNLESS OTHERWISE SPECIFIED TOLERANCES ON:
 .XX ±0.25
 .XX ±0.25
 ANGLE ±1°

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

TITLE: SURFACE MOUNT LED-RIGHT ANGLE

DIST. V/S DWG NO B17145

SCALE: NTS SHEET 2 OF 2

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

SDRC FILE NAME: B17145