

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	R	OUTPUT COLOR	
N	N	N	N	DIFFUSED/NON-DIFFUSED	
C	C	C	C	PACKAGE COLOR	
20	20	20	20	RATED CURRENT	mA
2.1	2.1	2.1	1.7	FORWARD VOLTAGE TYP	V
2.8	2.8	2.8	2.3	FORWARD VOLTAGE MAX	V
100	100	100	100	REVERSE CURRENT MAX	µA
4	4	4	4	REVERSE VOLTAGE MAX (I _R =100µA)	V
2.6	1.5	4.4	6.2	LUMINOUS INTENSITY MIN	mcd
5.2	3.0	8.8	12.4	LUMINOUS INTENSITY TYP	mcd
560	580	570	660	WAVELENGTH PEAK TYP	nm
567	590	572		DOMINANT WAVE LENGTH	nm
70	70	70	57.5	POWER DISSIPATION MAX	mW
25	25	25	25	FORWARD CURRENT MAX	mA
60	60	60	60	PEAK FORWARD CURRENT MAX(NOTE 2)	mA
30	30	30	30	SPECTRAL LINE HALF WIDTH TYP	nm
90	90	90	90	VIEWING ANGLE	DEG
				OPERATING TEMPERATURE	°C
				STORAGE TEMPERATURE	°C
				RANK A LUMINOUS INTENSITY	MIN MAX
				RANK B LUMINOUS INTENSITY	MIN MAX
				RANK C LUMINOUS INTENSITY	MIN MAX
				RANK D LUMINOUS INTENSITY	MIN MAX
				RANK E LUMINOUS INTENSITY	MIN MAX

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

FOR INSPECTION USE ONLY

ⓐ DIM ARE IN MILLIMETERS

ⓑ SPC DOCUMENTATION REQ. (X R CHARTS)

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

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

CHECKED BY: DATE:

ENG. APPR. DATE:

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

MODEL NO:

MOLD NO:

MATERIAL:

FINISH:

SDRC FILE NAME: B17145

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