

SPECIFICATIONS (To=25°C)					UNITS
G	Y	Y	R	OUTPUT COLOR	
D	D	D	D	DIFFUSED/NON-DIFFUSED	
C	C	C	C	PACKAGE COLOR	
20	20	20	20	RATED CURRENT	mA
2.1	2.2	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
3.8	2.2	7.0	7.0	LUMINOUS INTENSITY MIN	mcđ
6.4	3.7	11.7	11.7	LUMINOUS INTENSITY TYP	mcđ
560	580	570	660	WAVELENGTH PEAK TYP	nm
				DOMINANT WAVELENGTH	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
150	150	150	150	VIEWING ANGLE	DEG
				OPERATING TEMPERATURE	°C
				STORAGE TEMPERATURE	°C
				RANK A LUMINOUS INTENSITY	MIN MAX
3.8	2.2	7.0	7.0	RANK B LUMINOUS INTENSITY	MIN MAX
5.4	3.1	9.9	9.9	RANK C LUMINOUS INTENSITY	MIN MAX
4.5	2.6	8.3	8.3	RANK D LUMINOUS INTENSITY	MIN MAX
6.4	3.7	11.7	11.7	RANK E LUMINOUS INTENSITY	MIN MAX
5.4	3.1	9.9	9.9	RANK F LUMINOUS INTENSITY	MIN MAX
7.6	4.4	14.0	14.0	RANK G LUMINOUS INTENSITY	MIN MAX
6.4	3.7	11.7	11.7		
9.0	5.2	16.5	16.5		
7.6	4.4	14.0	14.0		
10.7	6.2	19.8	19.8		
9.0	5.2	16.5	16.5		

REVISIONS			
REV	ECR NO	DESCRIPTION	DATE
A	20319	NEW RELEASE	
B	20628	REMOVED VENDOR No 'S.	6/25/01

- NOTES:
- ALL DIMENSIONS ARE IN MM
 - PULSE WIDTH $\leq 1\text{msec}$, DUTY $\leq 1/20$
DERATE L LINEARLY FROM 25°C
0.36mA/°C(DC) 0.86mA/°C(PULSE)
 - QUANTITY ON TAPE-4000 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 SIX 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 AND THE QUANTITY OF EACH CAN NOT BE SPECIFIED

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

DIM ARE IN MILLIMETERS

FOR INSPECTION USE ONLY
 SPC DOCUMENTATION REQ. (X R CHARTS)

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	CHECKED BY:	DATE:	MODEL NO.	147 CENTRAL AVE. HACKENSACK, NJ 07601
	ENG. APPROV.	DATE:	MOLD NO.	TITLE
	UNLESS OTHERWISE SPECIFIED TOLERANCES ON: XX ±0.25 XX ±0.25 ANGLE ±1°			SURFACE MOUNT LED-RIGHT ANGLE
			MATERIAL	DIST. V/S DWG NO B17148 REV B
			FINISH	SCALE NTS SHEET 2 OF 2

SDRC FILE NAME: B17148