

Fig. 1

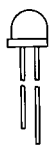


Fig. 2

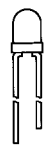


Fig. 3

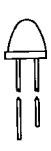


Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Fig. 10

Lamps use low power for IC compatibility, cool operation and long life expectancy. Shock-proof, solid lens, epoxy construction. Intense light sources available—up to 3000 mcd luminosity. Leads are silver plated, eliminating soldering problems. Viewing angles (the angle between points where the light intensity falls to 50% of peak value) are available to 180°. Order panel mount grommets (at bottom of page) separately.

Mfr. No.	Emitted Color	Lens Type/Color	View Angle	Typical mcd/mA	Fig.
T-3/4 AXIAL LAMPS					
CMD50B	Red	N.D. Clear	80	3.0/20	1
CMD53B	Yellow	N.D. Yellow	80	6.0/20	1
CMD54B	Red	N.D. Red	80	3.5/20	1
CMD64B	H.E. Grn	N.D. Grn	80	8.0/20	1
T-1 LAMPS (.050" LEAD SPACING)					
CMD5074C	Red	N.D. Red	70	2.5/20	5
CMD5075C	Red	Diff. Red	90	1.5/20	5
CMD5077C	Red	Diff. Red	110	1.7/20	2
CMD5374C	Yellow	Diff. Yel	90	9.0/20	5
CMD5474C	H.E. Grn	Diff. Grn	90	9.0/20	5
CMD5774C	H.E. Red	Diff. Red	90	9.0/20	5
CMD5777C	H.E. Red	Diff. Red	180	7.0/20	2
T-1 SUPER BRITE LAMPS					
CMD31101UG	Green	Diff. Grn	60	50/20	3
CMD31101UR/B	Red	Diff. Red	60	90/20	3
CMD31101UR/C	Red	Diff. Red	60	100/20	3
CMD31101UR/D	Red	Diff. Red	60	150/20	3
CMD31101UR/E	Red	Diff. Red	60	250/20	3
CMD31104UG	Green	N.D. Clr	30	200/20	3
CMD31104UR/B	Red	N.D. Clr	30	360/20	3
CMD31104UR/C	Red	N.D. Clr	30	500/20	3
CMD31104UR/D	Red	N.D. Clr	30	700/20	3
CMD31104UR/E	Red	N.D. Clr	30	1000/20	3
T-1 RESISTORED LAMPS					
CMD31121HR-5V	H.E. Red	Diff. Red	60	25.0/5.0	3
CMD31121GR-5V	H.E. Grn	Diff. Grn	60	16.0/5.0	3
CMD31121YR-5V	Yellow	Diff. Yel	60	16.0/5.0	3
CMD31131HR-12V	H.E. Red	Diff. Red	60	25.0/12.0	3
CMD31131GR-12V	H.E. Grn	Diff. Grn	60	16.0/12.0	3
CMD31131YR-12V	Yellow	Diff. Yel	60	16.0/12.0	3
T-100 LAMPS					
CMD54643	H.E. Grn	Diff. Grn	90	5.0/20	3
CMD57640	H.E. Red	Diff. Red	90	2.0/10	3
HLMP1300	H.E. Red	Diff. Red	90	2.0/10	3
HLMP1340	H.E. Red	N.D. P.T.	45	60.0/20	3
RECTANGULAR LAMPS					
CMD54123	H.E. Grn	Diff. Grn	100	4.0/20	7
CMD57123	H.E. Red	Diff. Red	100	4.0/20	7
HLMP0300	H.E. Red	Diff. Red	100	2.5/20	7
HLMP0301	H.E. Red	Diff. Red	100	5.0/20	7
HLMP0401	Yellow	Diff. Yel	100	5.0/20	7
HLMP0503	H.E. Grn	Diff. Grn	100	3.0/20	7
CMD53124A	Yellow	Diff. Yel	100	6.0/20	8
CMD54124A	H.E. Grn	Diff. Grn	100	6.0/20	8
CMD57124A	H.E. Red	Diff. Red	100	6.0/20	8
LEDs					
CMD204UWC	White	Clear	40	1.0/—	
CMD333UWC	White	Clear	20	2.3/—	
CMD333UWW	—	—	—	—	
CMD264UWC	Blue	Blue	45	100/20	
CMD333URD	Red	Red	40	400/20	
CMD333UGC	Green	Clear	24	800/20	
CMD333HRC-6	Red	Clear	24	600/20	
CMD333URC-1	Red	Clear	24	1200/20	
CMD333URC-2	Red	Clear	24	2000/20	
4304H1	Red	Red	65	6.3/20	
4304H3	Amber	Amber	60	20/10	
4304H5	Green	Green	75	10/10	
4304H7	Yellow	Yellow	65	6.3/10	
4305H1	Red	Red	30	68/20	
4305H5	Green	Green	20	100/20	
4305H7	Yellow	Yellow	30	160/20	

Mfr. No.	Emitted Color	Lens Type/Color	View Angle	Typical mcd/mA	Fig.
T-1 1/4 LAMPS					
CMD5752	H.E. Red	N.D. Red	28	100.0/20	6
CMD5053	Red	Diff. Red	80	0.5/20	5
CMD5055	Red	Diff. Red	150	0.1/20	5
CMD5153	H.E. Red	Diff. Amb	65	15.0/20	5
CMD5353	Yellow	Diff. Yel	65	15.0/20	5
CMD5354A	Yellow	Diff. Yel	24	25.0/20	5
CMD5453	H.E. Grn	Diff. Grn	75	20.0/20	5
CMD5753	H.E. Red	Diff. Red	65	10.0/20	5
CMD5754A	H.E. Red	Diff. Red	24	25.0/20	5
CMD64531	H.E. Grn	Diff. Grn	75	20.0/20	6
FLV110	Red	Diff. Red	70	3.0/20	6
HLMP3300	H.E. Red	Diff. Red	65	3.5/10	6
HLMP3301	H.E. Red	Diff. Red	65	7.0/10	6
HLMP3315	H.E. Red	N.D. Red	35	18.0/10	6
HLMP3316	H.E. Red	N.D. Red	35	35.0/10	6
HLMP3750	H.E. Red	N.D. P.T.	24	150.0/20	6
HLMP3850	Yellow	N.D. P.T.	24	150.0/20	6
HLMP3950	H.E. Grn	N.D. P.T.	24	150.0/20	6
HLMP4700	H.E. Red	Diff. Red	35	2.0/2	6
HLMP4719	Yellow	Diff. Yel	35	2.0/2	6
CMD3750	H.E. Red	N.D. P.T.	24	150.0/20	6
CMD5054A-1	Red	Diff. Red	24	1.0/10	6
CMD5152	H.E. Red	N.D. Amb	28	100.0/20	6
CMD5352	Yellow	N.D. Yel	28	90.0/20	6
CMD5452	H.E. Grn	N.D. Grn	35	25.0/20	6
CMD50154	Red	Diff. Red	50	1.5/10	4
CMD54154	H.E. Grn	Diff. Grn	50	12.0/10	4
T-1 1/4 RESISTORED LAMPS					
CMD41121HR-5V	H.E. Red	Diff. Red	60	40.0/5.0	6
CMD41121GR-5V	H.E. Grn	Diff. Grn	60	16.0/5.0	6
CMD41121YR-5V	Yellow	Diff. Yel	60	16.0/5.0	6
CMD41131HR-12V	H.E. Red	Diff. Red	60	40.0/12.0	6
CMD41131GR-12V	H.E. Grn	Diff. Grn	60	16.0/12.0	6
CMD41131YR-12V	Yellow	Diff. Yel	60	16.0/12.0	6
T-1 1/4 SUPER BRITE LAMPS					
CMD41101UG	Green	Diff. Grn	60	60/20	6
CMD41101UR/B	Red	Diff. Red	60	100/20	6
CMD41101UR/C	Red	Diff. Red	60	200/20	6
CMD41101UR/D	Red	Diff. Red	60	300/20	6
CMD41101UR/E	Red	Diff. Red	60	500/20	6
CMD41101UR/F	Red	Diff. Red	60	700/20	6
CMD41101UR/G	Red	Diff. Red	60	1000/20	6
CMD41104UG	Green	N.D. Clr	30	300/20	6
CMD41104UR/A	Red	N.D. Clr	30	400/20	6
CMD41104UR/B	Red	N.D. Clr	30	500/20	6
CMD41104UR/C	Red	N.D. Clr	30	1000/20	6
CMD41104UR/D	Red	N.D. Clr	30	2000/20	6
CMD41104UR/E	Red	N.D. Clr	30	3000/20	6
LIGHT BARS/BAR GRAPHS					
CMD57173	H.E. Red	Diff. Red	120	10.0/20	9
HLMP2685	H.E. Red	Diff. Wht	120	80.0/20	9
CMD57164	H.E. Red	Diff. Red	120	1.8/10	10
CMD54164	H.E. Grn	Diff. Wht	120	1.8/10	10

Diff.=Diffused; N.D.=Non-Diffused; P.T.=Pale Tint

T1 3/4 (5mm) RESISTORED LEDs					
CMD333ID/HV5	H.E. Red	Red	35	15/—	
CMD333GD/HV5	Green	Green	35	15/—	
CMD333YD/HV5	Yellow	Yellow	35	11/—	
CMD333GD/HV5	H.E. Red	Red	35	15/—	
CMD333GD/HV5	Green	Green	35	13.5/—	
CMD333GD/HV5	Yellow	Yellow	35	11/—	
T1 3/4 (5mm) SUPER BRITE BI-COLOR LEDs					
CMD336VRVGW	H.E. Red	White	54	12/20	
CMD336VRVYW	Green	White	54	16/20	
CMD336VYVGW	Yellow	White	54	12/20	
CMD336VYVYW	Green	White	54	10.5/20	
CMD336VYVGW	Yellow	White	54	10.5/20	
CMD336VYVYW	Green	White	54	16/20	
CMD336VYVYW	Red	Clear	50	6/10	
CMD336VYVYW	Green	Clear	50	6/10	