






# ULTRA BRIGHT LEDs

Outline Number Lens Shape ACTUAL SIZE	Part Number	Lens Color	Chip Color	Peak Emission Wave-length (nm)	Maximum Ratings (Ta=25°C)					Electrical and Optical Characteristic (Ta=25°C)					
					IF (mA)	VR (V)	Pd (mW)	Topr (°C)	Tstg (°C)	VF (V)		IR (μA)		Iv (mcd)	
										Typ/Max	IF(mA)	Max	VR(V)	Typ	IF(mA)
①  T-1	OLUR-163	CLEAR LIGHT RED	RED	660	25	4	55	-20	-30	1.75/2.2	20	100	4	150	20
	OLUR-164	DIFFUSED LIGHT RED						75	100					50	20
	OLUG-163	CLEAR LIGHT GREEN	GREEN	565	25	4	70	-20	-30	2.1/2.8	20	5	4	75	20
	OLUG-164	DIFFUSED LIGHT GREEN						75	100					35	20
	OLUY-163	CLEAR LIGHT YELLOW	YELLOW	585	25	4	70	-20	-30	2.1/2.8	20	100	4	60	20
	OLUY-164	DIFFUSED LIGHT YELLOW						75	100					30	20
②  T-1 WIDE VIEWING ANGLE	OLUR-123	CLEAR RED	RED	660	25	4	55	-20	-30	1.75/2.2	20	100	4	40	20
	OLUR-124	DIFFUSED RED						75	100					20	20
③  T-1 3/4 LOW PROFILE	OLUR-143	CLEAR LIGHT RED	RED	660	25	4	55	-20	-30	1.75/2.2	20	100	4	120	20
	OLUR-144	DIFFUSED LIGHT RED						75	100					60	20
	OLUG-143	CLEAR LIGHT GREEN	GREEN	565	25	4	70	-20	-30	2.1/2.8	20	5	4	80	20
	OLUG-144	DIFFUSED LIGHT GREEN						75	100					45	20
	OLUY-143	CLEAR LIGHT YELLOW	YELLOW	585	25	4	70	-20	-30	2.1/2.8	20	100	4	80	20
	OLUY-144	DIFFUSED LIGHT YELLOW						75	100					45	20
OLUR-140	CLEAR CLEAR	RED	660	25	4	55	-20 ~75	-30 ~100	2.1/2.8	20	100	4	160	20	
④  T-1 3/4	OLUR-153	CLEAR LIGHT RED	RED	660	25	4	55	-20	-30	1.75/2.2	20	100	4	200	20
	OLUR-154	DIFFUSED LIGHT RED						75	100					100	20
	OLUG-153	CLEAR LIGHT GREEN	GREEN	565	25	4	70	-20	-30	2.1/2.8	20	5	4	150	20
	OLUG-154	DIFFUSED LIGHT GREEN						75	100					60	20
	OLUY-153	CLEAR LIGHT YELLOW	YELLOW	585	25	4	70	-20	-30	2.1/2.8	20	100	4	130	20
	OLUY-154	DIFFUSED LIGHT YELLOW						75	100					60	20
OLUR-150	CLEAR CLEAR	RED	660	25	4	55	-20 ~75	-30 ~100	2.1/2.8	20	100	4	220	20	
⑤  T-1 3/4 WIDE VIEWING ANGLE	OLUR-113	CLEAR RED	RED	660	25	4	55	-20 75	-30 100	1.75/2.2	20	100	4	40	20
	OLUR-114	DIFFUSED RED												15	20
	OLUR-120	CLEAR LIGHT RED												50	20
	OLUR-130 <sup>①</sup>	CLEAR CLEAR												100	20

① Outline of OLUR-130 is ②

New increased brightness LEDs: RC Series (40~400 mcd) and SUR Series (1000~4000 mcd) are now available. Call for details.