







## STANDARD 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)							
					I <sub>F</sub> (mA)	V <sub>R</sub> (V)	P <sub>D</sub> (mW)	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)	V <sub>F</sub> (V)			I <sub>R</sub> (μA)		I <sub>v</sub> (mcd)		
										Typ	Max	I <sub>F</sub> (mA)	Max	V <sub>R</sub> (V)	Min	Typ	I <sub>F</sub> (mA)
①  3×4×4mm TRIANGLE	OLR-207	DIFFUSED RED	RED	700	20	4	56	-20 75	-30 100	2.1	2.8	20	5	4	0.3	0.6	15
	OLG-207	DIFFUSED GREEN	GREEN	565	25	4	70	-20 75	-30 100	2.1	2.8	20	5	4	0.5	1.3	15
	OLY-207	DIFFUSED YELLOW	YELLOW	585	25	4	70	-20 75	-30 100	2.1	2.8	20	100	4	0.5	1.0	15
②  3×3mm SQUARE	OLR-209	DIFFUSED RED	RED	700	20	4	56	-20 75	-30 100	2.1	2.8	20	5	4	0.4	0.8	10
	OLG-209	DIFFUSED GREEN	GREEN	565	25	4	70	-20 75	-30 100	2.1	2.8	20	5	4	0.8	1.5	10
	OLY-209	DIFFUSED YELLOW	YELLOW	585	25	4	70	-20 75	-30 100	2.1	2.8	20	100	4	0.5	1.3	10
③  1.2×3.5mm RECTANGLE	OLR-210	DIFFUSED RED	RED	700	20	4	56	-20 75	-30 100	2.1	2.8	20	5	4	0.4	0.8	10
	OLG-210	DIFFUSED GREEN	GREEN	565	25	4	70	-20 75	-30 100	2.1	2.8	20	5	4	0.8	1.5	10
	OLY-210	DIFFUSED YELLOW	YELLOW	585	25	4	70	-20 75	-30 100	2.1	2.8	20	100	4	0.5	1.3	10
④  2×4mm RECTANGLE	OLR-211	DIFFUSED RED	RED	700	20	4	56	-20 75	-30 100	2.1	2.8	20	5	4	0.5	3	20
	OLG-211	DIFFUSED GREEN	GREEN	565	25	4	70	-20 75	-30 100	2.1	2.8	20	5	4	0.5	2.5	20
	OLY-211	DIFFUSED YELLOW	YELLOW	585	25	4	70	-20 75	-30 100	2.1	2.8	20	100	4	0.5	2.0	20

## 5V INTEGRAL RESISTOR 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)							
					V <sub>F</sub> (V)	V <sub>R</sub> (V)	P <sub>D</sub> (mW)	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)	I <sub>F</sub> (mA)			I <sub>R</sub> (μA)		I <sub>v</sub> (mcd)		
										Typ	Max	V <sub>F</sub> (V)	Max	V <sub>R</sub> (V)	Min	Typ	V <sub>F</sub> (V)
⑤  T-1 3/4	OLR-113/5	CLEAR RED	RED	700	7.5	6	-	-20 75	-30 100	13	20	5	100	6	0.8	3.5	5
	OLR-114/5	DIFFUSED RED													0.5	1.5	5
	OLG-113/5	CLEAR GREEN	GREEN	565	7.5	6	-	-20 75	-30 100	13	20	5	100	6	3	17	5
	OLG-114/5	DIFFUSED GREEN													0.8	5	5
	OLY-113/5	CLEAR YELLOW	YELLOW	585	7.5	6	-	-20 75	-30 100	13	20	5	100	6	1	9	5
	OLY-114/5	DIFFUSED YELLOW													0.8	5	5

## TWO CHIP LEDs FOR BACKLIGHTING

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)							
					I <sub>F</sub> (mA)	V <sub>R</sub> (V)	P <sub>D</sub> (mW)	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)	V <sub>F</sub> (V)			I <sub>R</sub> (μA)		I <sub>v</sub> (mcd)		
										Typ	Max	I <sub>F</sub> (mA)	Max	V <sub>R</sub> (V)	Min	Typ	V <sub>F</sub> (V)
⑥  T-1 3/4	OLR-255	CLEAR LIGHT RED	RED	635	30	8	80	-20 75	-30 100	4.2	5.4	20	100	8	3	20	20
	OLG-255	CLEAR LIGHT GREEN	GREEN	565	30	8	80	-20 75	-30 100	4.2	5.4	20	100	8	4	25	20
	OLY-255	CLEAR LIGHT YELLOW	YELLOW	585	30	8	80	-20 75	-30 100	4.2	5.4	20	100	8	3	20	20
	OLO-255	CLEAR LIGHT ORANGE	ORANGE	610	30	8	80	-20 75	-30 100	4.2	5.4	20	100	8	3	20	20