



MICRO LAMPS, INC.

The Light Company

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STANDARD LEDs		PART NO.	LIGHT COLOR / MATERIAL	WAVE LENGTH Peak(nm)	LENS COLOR	LUM.INTENSITY at 10mA (mcd) Minimum - Typ.	VIEW. ANGLE (degree)
	MLED-1060RD	red, GaAsP	660	red - diffused	0.5 - 0.8	30	
	MLED-1060HD	red, GaP	660	red - diffused	1.25 - 2.0	30	
	MLED-1060GD	green, GaP	565	green - diffused	0.8 - 3.2	30	
	MLED-1060YD	yellow, GaAsP/GaP	590	yellow - diffused	2.0 - 5.0	30	
	MLED-1060ED	orange, GaAsP/GaP	625	orange - diffused	2.0 - 8.0	30	
	MLED-1060ID	red, GaAsP/GaP	625	red - diffused	2.0 - 8.0	30	
	MLED-934RD	red, GaAsP	660	red - diffused	0.8 - 1.25	120	
	MLED-934HD	red, GaP	660	red - diffused	2.0 - 3.20	120	
	MLED-934GD	green, GaP	565	green - diffused	3.2 - 8.0	120	
	MLED-934YD	yellow, GaAsP/GaP	590	yellow - diffused	3.2 - 8.0	120	
	MLED-934ED	orange, GaAsP/GaP	625	orange - diffused	3.2 - 8.0	120	
	MLED-934ID	red, GaAsP/GaP	625	red - diffused	3.2 - 8.0	120	
	MLED-934HT	red, GaP	660	red, transparent	8.0 - 12.5	16	
	MLED-934GT	green, GaP	565	green, transparent	12.5 - 32.0	16	
	MLED-934YT	yellow, GaAsP/GaP	590	yellow, transparent	12.5 - 50.0	16	
		MLED-53RD	red, GaAsP	660	red - diffused	0.8 - 1.25	120
		MLED-53HD	red, GaP	660	red - diffused	2.0 - 3.20	120
		MLED-53GD	green, GaP	565	green - diffused	8.0 - 20.0	120
MLED-53YD		yellow, GaAsP/GaP	590	yellow - diffused	8.0 - 20.0	120	
MLED-53ED		orange, GaAsP/GaP	625	orange - diffused	8.0 - 20.0	120	
MLED-53ID		red, GaAsP/GaP	625	red - diffused	8.0 - 20.0	120	
MLED-53HT		red, GaP	660	red - transparent	8.0 - 20.0	16	
MLED-53IT		red, GaAsP/GaP	625	red - transparent	32.0 - 120.0	16	
MLED-53GT		green, GaP	565	green - transparent	32.0 - 80.0	16	
MLED-53YT		yellow, GaAsP/GaP	590	yellow - transparent	8.0 - 20.0	16	
MLED-53RC		red, GaAsP	660	water - clear	2.0 - 5.0	16	
MLED-53EC		red, GaAsP/GaP	625	water - clear	32.0 - 120.0	16	
MLED-53GC	green, GaP	565	water - clear	32.0 - 80.0	16		
MLED-53YC	yellow, GaAsP/GaP	590	water - clear	8.0 - 20.0	16		
	MLED-424HDT	red, GaP	660	red - diffused	0.5 - 1.25	100	
	MLED-424GDT	green, GaP	565	green - diffused	1.25 - 8.0	100	
	MLED-424YDT	yellow, GaAsP/GaP	590	yellow - diffused	1.25 - 8.0	100	
	MLED-424EDT	orange, GaAsP/GaP	625	orange - diffused	1.25 - 8.0	100	
	MLED-483HDT	red, GaP	660	red - diffused	0.50 - 1.25	100	
	MLED-483GDT	green, GaP	565	green - diffused	1.25 - 8.0	100	
	MLED-483YDT	yellow, GaAsP/GaP	590	yellow - diffused	1.25 - 8.0	100	
	MLED-483EDT	orange, GaAsP/GaP	625	orange - diffused	1.25 - 8.0	100	
	MLED-113HDT	red, GaP	660	red top diffused	1.25 - 2.0	120	
	MLED-113IDT	red, GaAsP/GaP	625	red top diffused	2.0 - 5.0	120	
	MLED-113GDT	green, GaP	565	green top diffused	2.0 - 3.2	120	
	MLED-113YDT	yellow, GaAsP/GaP	590	yellow top diffused	2.0 - 5.0	120	
MLED-113EDT	orange, GaAsP/GaP	625	orange top diffused	2.0 - 3.20	120		
	MLED-153HDT	red, GaP	660	red top diffused	1.25 - 2.0	120	
	MLED-153IDT	red, GaAsP/GaP	625	red top diffused	2.0 - 5.0	120	
	MLED-153GDT	green, GaP	565	green top diffused	2.0 - 3.2	120	
	MLED-153YDT	yellow, GaAsP/GaP	590	yellow top diffused	2.0 - 5.0	120	
MLED-153EDT	orange, GaAsP/GaP	625	orange top diffused	2.0 - 3.2	120		
LOW CURRENT LEDs		PART NO.	LIGHT COLOR / MATERIAL	WAVE LENGTH Peak(nm)	LENS COLOR	LUM.INTENSITY at 2 mA (mcd) Minimum - Typ.	VIEWING ANGLE (degree)
	MLED-934LID	red, GaAsP/GaP	625	red - diffused	0.8 - 2.0	120	
	MLED-934LGD	green, GaP	565	green - diffused	0.8 - 2.0	120	
	MLED-934LYD	yellow, GaAsP/GaP	590	yellow - diffused	0.8 - 2.0	120	
	MLED-53LID	red, GaAsP/GaP	625	red - diffused	0.6 - 1.8	120	
	MLED-53LGD	green, GaP	565	green - diffused	0.6 - 1.8	120	
	MLED-53LYD	yellow, GaAsP/GaP	590	yellow - diffused	0.6 - 1.8	120	



SUPER-BRIGHT LEDs		PART NO.	LIGHT COLOR / MATERIAL	WAVE LENGTH Peak (nm)	LENS COLOR	LUM. INTENSITY at 20mA (mcd) Minimum - Typ.	VIEWING ANGLE (degree)
<p>3mm (T-1)</p>	MLED-934SRD/B	red, GaAlAs	660	red - diffused	70 - 90	100	
	MLED-934SRD/C	red, GaAlAs	660	red - diffused	90 - 100	100	
	MLED-934SRD/D	red, GaAlAs	660	red - diffused	100 - 200	100	
	MLED-934SRD/E	red, GaAlAs	660	red - diffused	200 - 300	100	
	MLED-934SRC/B	red, GaAlAs	660	water - clear	250 - 360	35	
	MLED-934SRC/C	red, GaAlAs	660	water - clear	360 - 500	35	
	MLED-934SRC/D	red, GaAlAs	660	water - clear	500 - 700	35	
MLED-934SRC/E	red, GaAlAs	660	water - clear	700 - 1000	35		
<p>5mm (T-1 1/4)</p>	MLED-53SRD/B	red, GaAlAs	660	red - diffused	90 - 100	120	
	MLED-53SRD/C	red, GaAlAs	660	red - diffused	110 - 200	120	
	MLED-53SRD/D	red, GaAlAs	660	red - diffused	200 - 300	120	
	MLED-53SRD/E	red, GaAlAs	660	red - diffused	300 - 500	120	
	MLED-53SRC/B	red, GaAlAs	660	water - clear	400 - 500	35	
	MLED-53SRC/C	red, GaAlAs	660	water - clear	510 - 1000	35	
	MLED-53SRC/D	red, GaAlAs	660	water - clear	1000 - 2000	35	
MLED-53SRC/E	red, GaAlAs	660	water - clear	2000 - 3500	35		
<p>8mm</p>	MLED-793ID	red, GaAsP/GaP	625	red - diffused	8 - 20	140	
	MLED-793GD	green, GaP	565	green - diffused	5 - 12.5	140	
	MLED-793YD	yellow, GaAsP/GaP	590	yellow - diffused	8 - 20	140	
	MLED-793ED	orange, GaAsP/GaP	625	orange - diffused	8 - 20	140	
	MLED-793SRD/B	red, GaAlAs	660	red - diffused	80 - 100	140	
	MLED-793SRD/C	red, GaAlAs	660	red - diffused	100 - 200	140	
	MLED-793SRD/D	red, GaAlAs	660	red - diffused	200 - 300	140	
	MLED-793SRD/E	red, GaAlAs	660	red - diffused	300 - 400	140	
	MLED-793SRC/B	red, GaAlAs	660	water - clear	500 - 1000	40	
	MLED-793SRC/C	red, GaAlAs	660	water - clear	1000 - 1600	40	
	MLED-793SRC/D	red, GaAlAs	660	water - clear	1600 - 2000	40	
MLED-793SRC/E	red, GaAlAs	660	water - clear	2000 - 3000	40		
<p>10mm</p>	MLED-813ID	red, GaAsP/GaP	625	red - diffused	8 - 20	140	
	MLED-813GD	green, GaP	565	green - diffused	5 - 12.5	140	
	MLED-813YD	yellow, GaAsP/GaP	590	yellow - diffused	8 - 20	140	
	MLED-813ED	orange, GaAsP/GaP	625	orange - diffused	8 - 20	140	
	MLED-813SRD/B	red, GaAlAs	660	red - diffused	80 - 100	140	
	MLED-813SRD/C	red, GaAlAs	660	red - diffused	100 - 200	140	
	MLED-813SRD/D	red, GaAlAs	660	red - diffused	200 - 300	140	
	MLED-813SRD/E	red, GaAlAs	660	red - diffused	300 - 400	140	
	MLED-813SRC/B	red, GaAlAs	660	water - clear	500 - 1000	40	
	MLED-813SRC/C	red, GaAlAs	660	water - clear	1000 - 1600	40	
	MLED-813SRC/D	red, GaAlAs	660	water - clear	1600 - 2000	40	
MLED-813SRC/E	red, GaAlAs	660	water - clear	2000 - 3000	40		
2-CHIP SINGLE & TRI-COLOR LEDs		PART NO.	LIGHT COLOR / MATERIAL	WAVE LENGTH Peak (nm)	LENS COLOR	LUM. INTENSITY at 20mA (mcd) Minimum - Typ.	VIEWING ANGLE (degree)
<p>3mm (T-1)</p>	MLED-937EGW	red/green	625/565	white - diffused	5 - 12.5	100	
	MLED-937EYW	red/yellow	625/590	white - diffused	5 - 12.5	100	
	MLED-937GYW	green/yellow	565/590	white - diffused	5 - 12.5	100	
<p>2x5mm</p>	MLED-117EGW	red/green	625/565	white - diffused	2.0 - 4.0	100	
<p>2x5mm</p>	MLED-119EGW	red/green	625/565	white - diffused	2.0 - 4.0	100	
<p>5mm (T-1 1/4)</p>	MLED-57EGW	red/green	625/565	white - diffused	5 - 12.5	100	
	MLED-57EYW	red/yellow	625/590	white - diffused	5 - 12.5	100	
	MLED-57GYW	green/yellow	565/590	white - diffused	5 - 12.5	100	
	MLED-57IID	red	625/625	red - diffused	3.2 - 20	120	
	MLED-57GGD	green	565/565	green - diffused	3.2 - 20	120	
	MLED-57YYD	yellow	590/590	yellow - diffused	3.2 - 20	120	
	MLED-57SRD	red	660/660	red - diffused	60 - 200	120	
<p>5mm (T-1 1/4)</p>	MLED-59EGW	red/green	625/565	white - diffused	8 - 20	100	
	MLED-59EGW/CA	red/green	625/565	white - diffused	8 - 20	100	
	MLED-59EYW	red/yellow	625/590	white - diffused	8 - 20	100	
	MLED-59GYW	green/yellow	565/590	white - diffused	8 - 20	100	
	MLED-59EGC	red/green	625/565	water - clear	20 - 80	15	
	MLED-59EYC	red/yellow	625/590	water - clear	20 - 50	15	
MLED-59GYC	green/yellow	565/590	water - clear	20 - 80	15		
<p>10mm</p>	MLED-819IID	red	625/625	red - diffused	12.5 - 40	140	
	MLED-819GGD	green	565/565	green - diffused	8 - 20	140	
	MLED-819YYD	yellow	590/590	yellow - diffused	12.5 - 40	140	
	MLED-819EGW	red/green	625/565	white - diffused	8 - 20	140	



MICRO LAMPS, INC.

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MICRO LAMPS INC

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BLINKING LED LAMPS		PART NO.	LIGHT COLOR / MATERIAL	WAVE LENGTH Peak (nm)	LENS COLOR	LUM. INTENSITY at 20mA (mcd) Minimum - Typ.	VIEWING ANGLE (degree)
<p>3mm (T-1)</p>	MLED-616BHD	red, GaP	660	red - diffused	1.2 - 2	100	
	MLED-616BGD	green, GaP	565	green - diffused	3.2 - 8	100	
	MLED-616BYD	yellow, GaAsP/GaP	590	yellow - diffused	3.2 - 8	100	
	MLED-616BID	red, GaAsP/GaP	625	red - diffused	3.2 - 8	100	
	MLED-616BSRD/B	red, GaAlAs	660	red - diffused	40 - 60	100	
<p>5mm (T-1 1/4)</p>	MLED-56BHD	red, GaP	660	red - diffused	1.2 - 2	120	
	MLED-56BGD	green, GaP	565	green - diffused	3.2 - 8	120	
	MLED-56BYD	yellow, GaAsP/GaP	590	yellow - diffused	5 - 12.5	120	
	MLED-56BID	red, GaAsP/GaP	625	red - diffused	5 - 12.5	120	
	MLED-56BSRD/B	red, GaAlAs	660	red - diffused	50 - 70	120	
<p>5mm (T-1 1/4)</p>	MLED-456BHD	red, GaP	660	red - diffused	1.2 - 2	120	
	MLED-456BGD	green, GaP	565	green - diffused	3.2 - 8	120	
	MLED-456BYD	yellow, GaAsP/GaP	590	yellow - diffused	5 - 12.5	120	
	MLED-456BID	red, GaAsP/GaP	625	red - diffused	5 - 12.5	120	
	MLED-456BSRD/B	red, GaAlAs	660	red - diffused	50 - 70	120	
<p>8mm</p>	MLED-796BID	red, GaAsP/GaP	625	red - diffused	5 - 12.5	140	
	MLED-796BGD	green, GaP	565	green - diffused	3.2 - 8	140	
	MLED-796BYD	yellow, GaAsP/GaP	590	yellow - diffused	5 - 12.5	140	
	MLED-796BSRD/B	red, GaAlAs	660	red - diffused	80 - 120	140	
	MLED-796BSRC/B	red, GaAlAs	660	water - clear	400 - 800	40	
<p>10mm</p>	MLED-816BID	red, GaAsP/GaP	625	red - diffused	5 - 12.5	140	
	MLED-816BGD	green, GaP	565	green - diffused	3.2 - 8	140	
	MLED-816BYD	yellow, GaAsP/GaP	590	yellow - diffused	5 - 12.5	140	
	MLED-816BSRD/B	red, GaAlAs	660	red - diffused	50 - 120	140	
	MLED-816BSRC/B	red, GaAlAs	660	water - clear	400 - 800	40	
LED LAMP ARRAYS		PART NO.	LIGHT COLOR / MATERIAL	WAVE LENGTH Peak (nm)	LENS COLOR	LUM. INTENSITY at 10mA (mcd) Minimum - Typ.	VIEWING ANGLE (degree)
<p>3mm-L934 series</p>	MLED-934CB/RD	red, GaAsP	660	red - diffused	0.8 - 1.25	120	
	MLED-934CB/ID	red, GaAsP/GaP	625	red - diffused	3.2 - 8.0	120	
	MLED-934CB/GD	green, GaP	565	green - diffused	3.2 - 8.0	120	
	MLED-934CB/YD	yellow, GaAsP/GaP	590	yellow - diffused	3.2 - 8.0	120	
	<p>5mm-L72 series</p>	MLED-72CB/1RDA	red, GaAsP	660	red - diffused	1.25 - 2.0	60
MLED-72CB/1IDA		red, GaAsP/GaP	625	red - diffused	5.0 - 8.0	60	
MLED-72CB/1GDA		green, GaP	565	green - diffused	2.0 - 3.2	60	
MLED-72CB/1YDA		yellow, GaAsP/GaP	590	yellow - diffused	3.2 - 5.0	60	
<p>QUAD 5mm (T-1 1/4)</p>		MLED-72CB/4RDA	red, GaAsP	660	red - diffused	1.25 - 2.0	60
	MLED-72CB/4IDA	red, GaAsP/GaP	625	red - diffused	5.0 - 8.0	60	
	MLED-72CB/4GDA	green, GaP	565	green - diffused	2.0 - 3.2	60	
	MLED-72CB/4YDA	yellow, GaAsP/GaP	590	yellow - diffused	3.2 - 5.0	60	
	<p>10 SEGMENT BARGRAPHS DC10 series</p>	MLED-DC10EWA	red, GaAsP/GaP	625	white - diffused	0.8 - 2.0	150
MLED-DC10GWA		green, GaP	565	white - diffused	0.8 - 2.0	150	
MLED-DC10YWA		yellow, GaAsP/GaP	590	white - diffused	0.8 - 2.0	150	
<p>LED LAMP HOLDERS</p> <p>FOR:</p> <p>3mm dia.</p> <p>5mm dia.</p> <p>8mm dia.</p> <p>10mm dia.</p> <p>LED LAMPS</p>	<p>FOR 3mm (T-1) LEDs</p> <p>MLED-RTC-31</p> <p>MLED-RTC-32</p>		<p>FOR 5mm (T-1 1/4) LEDs</p> <p>MLED-RTC-51</p> <p>MLED-RTC-52</p> <p>MLED-RTF-5010</p> <p>MLED-RTF-5020</p>		<p>FOR 8mm LEDs</p> <p>MLED-RTF-8080</p> <p>FOR 10mm LEDs</p> <p>MLED-RTF-1090</p>		