

High-Output LEDs & Circuit Board Indicators

NEW
MARKED IN PINK

Figure images on previous page

* Web Code: RBJ

High-Output LEDs (Continued)

Part No.	Product No.	Mfr.	Fig.	Emitting Color	Lens/Feature Description	LED Size	Diameter inch/mm	Dimensions		Lead Spacing	Typical Vf	Typical mcd	Wavelength nm	Viewing Angle°	Pricing			
								A"	B"						1	10	100	1000
2231523	XLFB12W	JVP	2	Blue	Water clear	T1 3/4	0.197/5	0.33	1.06	0.10	3.3	6000	465	20	\$1.29	\$1.19	\$.95	\$.85
2188668	SSL-LX5093XUSBC	LUM	1	Super Blue	Water clear	T1 3/4	0.197/5	0.34	1.04	0.10	3.5	2500	470	10	.49	.45	.39	.35
2210896	Q62703Q5931	OSR	1	Blue	Water clear	T1 3/4	0.197/5	0.30	1.06	0.10	3.5	2800	470	15	.49	.45	.39	.35
183222	MCDL-5013UBC-TL	JVP	1	Blue	Water clear	T1 3/4	0.197/5	0.30	0.94	0.10	3.5	6000	470	18	1.39	1.25	1.09	.99
334502	LWK3333	JVP	1	White	Water clear	T1 3/4	0.197/5	0.30	0.94	0.10	3.5	5000	—	16	.99	.89	.79	.69
320531	MCDL-5013UWC	JVP	1	White	Water clear	T1 3/4	0.197/5	0.30	1.00	0.10	3.8	5000	—	15	1.09	.99	.89	.79
2115493	UT5HW3-40-URC3-4861	JVP	1	White	Water clear	T1 3/4	0.197/5	0.34	0.94	0.10	3.2	7000	480	30	1.19	1.09	.99	.89
2231540	XLFW512W	JVP	2	White	Water clear	T1 3/4	0.197/5	0.33	1.06	0.10	3.3	10000	—	20	1.09	.99	.85	.75
2160067	MVL-5145W-T-S1	UNI	2	White	Water clear	T1 3/4	0.197/5	0.34	1.14	0.10	3.2	11000	—	15	.99	.89	.79	.59
2227903	LTL911VEKSA	LTO	3	Red	Water clear (7.62mm sq.)	3mm dome	0.118/3	0.30	0.30	0.20	2.15	600	632	70	.39	.29	.25	.19
2167411	MVL-904MTGC	UNI	3	Green	Water clear (7.62mm sq.)	3mm dome	0.119/3	0.30	0.30	0.20	3.7	2000	525	50	.49	.39	.29	.25
404582	MCDL-1860UWC-15C	JVP	3	Ultra White	Water clear (7.62mm sq.)	3mm dome	0.119/3	0.30	0.30	0.20	3.5	3500	—	75	1.39	1.25	1.09	.95
2167390	MVL-904MW	UNI	3	White	Water clear (7.62mm sq.)	3mm dome	0.119/3	0.30	0.30	0.20	3.5	4000	—	30	.39	.29	.25	.19
2167402	MVL-904TUVC	UNI	3	Yellow	Water clear (7.62mm sq.)	3mm dome	0.119/3	0.30	0.30	0.20	2.2	4000	625	70	.49	.39	.29	.25
664341	MCDL-1870UWC-15C	JVP	3	White	Water clear (7.62mm sq.)	3mm dome	0.119/3	0.30	0.30	0.20	3.5	6500	—	40	1.39	1.25	1.09	.95
2205296	MCD-10003URC	JVP	2	Red	Water clear	10mm	0.394/10	0.47	1.00	0.10	1.9	1500	660	20	.79	.69	.59	.49
2205317	MCD-10003UYC	JVP	2	Yellow	Water clear	10mm	0.394/10	0.47	1.00	0.10	2.0	1800	589	20	.59	.49	.39	.29
2205309	MCD-10003UEC	JVP	2	Orange	Water clear	10mm	0.394/10	0.47	1.00	0.10	2.0	2000	625	20	.79	.69	.59	.49
2205325	MCD-10003BC	JVP	2	Blue	Water clear	10mm	0.394/10	0.47	1.00	0.10	3.5	3000	470	20	.99	.89	.79	.69
2205341	MCD-10003UWC	JVP	2	White	Water clear	10mm	0.394/10	0.47	1.00	0.10	3.5	9000	—	20	1.09	.99	.89	.79
2205333	MCD-10003PGC	JVP	2	Green	Water clear	10mm	0.394/10	0.47	1.00	0.10	3.5	11000	525	20	.99	.89	.79	.69

Optos

JAMECO ValuePro RGB High-Output LEDs

Figure images on previous page, see High Output LEDs

* Web Code: RKK

Part No.	Cross Ref. No.	Mfr.	Fig.	Emitting Color	Lens/Feature Description	LED Size	Diameter inch/mm	Dimensions		Lead Spacing	Typical Vf	Typical mcd	Wavelength nm	Viewing Angle°	Pricing			
								A"	B"						1	10	100	500
2211119	MSL-504RGB-4P*	JVP	4	Red/Green/Blue	Water clear	T1 3/4	0.197/5	0.30	1.00	0.05	2.0/3.4/3.4	2000/3000/1200	625/525/470	25	\$1.49	\$1.25	\$1.09	\$.89
2211127	MSL-504RGB-4P**	JVP	4	Red/Green/Blue	Water clear	T1 3/4	0.197/5	0.30	1.00	0.05	2.0/3.4/3.4	2000/3000/1200	625/525/470	25	1.49	1.25	1.09	.89
2125181	MCDL-5T8R6G5B6C*	JVP	4	Red/Green/Blue	Water clear	T1 3/4	0.197/5	0.34	1.11	0.028	2.25/3.5/3.5	3500/4000/2000	624/525/470	20	2.25	1.95	1.75	1.49
2128500	MCDL-5013RGB-C-TL-A**	JVP	4	Red/Green/Blue	Water clear	T1 3/4	0.197/5	0.30	0.78	0.05	2.0/3.5/3.5	3000/5000/1000	628/525/470	25	2.49	2.25	1.95	1.75
2210829	MCDL-5T8R6G5B6C-CA**	MCD	4	Red/Green/Blue	Water clear	T1 3/4	0.197/5	0.34	1.11	0.028	2.25/3.5/3.5	3500/4000/2000	624/525/470	20	1.95	1.75	1.59	1.35
2228957	RGB-LED-CC-5-WC*	JVP	4	Red/Green/Blue	Water clear	T1 3/4	0.197/5	0.30	1.00	0.05	2.0/3.2/3.2	5000/9000/6000	625/525/470	20	.39	.35	.29	.25
2157271	MCDL-5013RGBW-B	JVP	1	Red/Green/Blue†	Diffused	T1 3/4	0.197/5	0.30	1.00	0.10	2.3/3.5/3.5	300/300/300	630/525/470	40	1.95	1.75	1.49	1.25
2219559	RGB-LED-CC-5*	JVP	4	Red/Green/Blue	Diffused	T1 3/4	0.197/5	0.30	1.00	0.05	2.0/3.2/3.2	1700/5000/4000	625/525/470	20	1.49	1.25	1.09	.99
2219567	RGB-LED-CA-10**	JVP	4	Red/Green/Blue	Diffused	10mm	0.394/10	0.52	1.00	0.06	2.0/3.2/3.2	700/800/400	625/525/470	20	.59	.49	.39	.29
2219575	RGB-LED-CC-10*	JVP	4	Red/Green/Blue	Diffused	10mm	0.394/10	0.52	1.00	0.06	2.0/3.2/3.2	700/800/400	625/525/470	20	.59	.49	.39	.29
2152163	MCDL-833RGBW-B	JVP	1	Red/Green/Blue†	Diffused	10mm	0.394/10	0.43	1.00	0.10	5.0/5.0/5.0	700/800/400	625/525/470	20	1.95	1.75	1.49	1.25

* Common Cathode ** Common Anode † Auto blink/color change function

Dialight Standard-Output LED Circuit Board Indicators (CBI)

2183082

2203311

CLOSEOUT

Part No.	Product No.	Emitting Color	Lens/Feature Description	LED Size	Diameter inch/mm	Dimensions		Lead Spacing	Typical Vf	Typical mcd	Wavelength nm	Viewing Angle°	Pricing						
						A"	B"						1	10	100	1000			
2183082	551-3107	Yellow/Green*	Diffused, tinted	T1	0.119/3	0.28	0.17	0.10	2.1/2.1	4.3/6.3	585/565	80	\$.25	\$.04	\$.03	\$.02			
2203311	GB310	100 pcs. PCB	Housing LEDs	T1, T1 3/4	multiple LEDs, R/A, straight, various colors											4.95	4.49	3.95	3.59

* Bi-color

LITEON Standard-Output, SMT LEDs and Circuit Board Indicators (CBI)

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* Web Code: SOI

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Part No.	Product No.	Emitting Color	Lens/Feature Description	LED Size	Diameter inch/mm	Dimensions		Lead Spacing	Typical Vf	Typical mcd	Wavelength nm	Viewing Angle°	Pricing			
						A"	B"						1	10	100	1000
2186515	LTL-4202	Red	Transparent	T1	0.119/3	0.17	1.00	0.10	1.7	5.6	655	20	\$.25	\$.05	\$.03	\$.02
2186371	LTL-1BEWJ	Red/Green	Diffused (3 lead)	T1	0.119/3	0.16	0.79	0.10	1.8/2.1	12.6/5.6	660/565	140	.25	.07	.06	.05
2186451	LTL-1BEHKVMP1	Hi Eff. Red/Green	Water Clear (3 lead)	T1	0.119/3	0.16	0.19	0.10	2.0/2.1	19/29	650/565	55	.25	.06	.05	.04
2186321	LTL-4204	Red	Transparent	T1 3/4	0.197/5	0.30	1.00	0.10	1.7	19	655	16	.25	.05	.04	.03
2033164	LTL-5238	White	Water Clear	SMT-0603	0.04/1.1	0.06	0.03	—	3.2	112	—	130	*	.19	.13	.09

* JVP = Jameco ValuePro | LTO = Lite-On | LUM = Lumex Optoelectronics | OSR = Osram | MCD = MCD Electronics | UNI = Unity Opto Technology

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