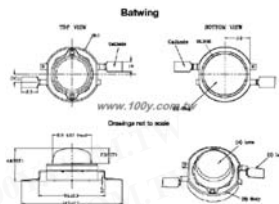




# Surface mount LED Lamps

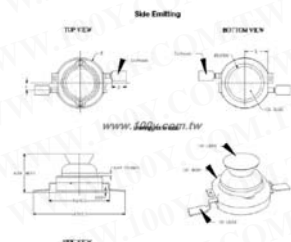
Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



**NOTES:**

1. The anode side of the device is denoted by a hole in the lead frame. Electrical insulation between the case and the board is required—slug of device is not electrically neutral. Do not electrically connect either the anode or cathode to the slug.
2. All dimensions are in millimeters
3. All dimensions without tolerances are for reference only.

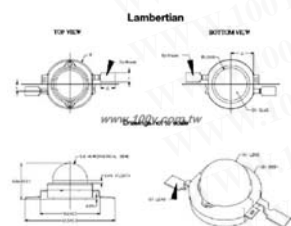
Part No.	Product No.	Manufacturer	Description	Emitting Color	If max. (mA)	Wave length (nm)	Vf(V)/20mAIf	light(mcd)	View Angle
34771	LXHL-BB01	LUMILEDS	Luxeon Emitter	Blue	500mA	470 nm	3.42V	16 lm	110
34772	LXHL-BD01	LUMILEDS	Luxeon Emitter	Red	550mA	625 nm	2.85V	27 lm	110
34773	LXHL-BM01	LUMILEDS	Luxeon Emitter	Green	500mA	530 nm	3.42V	53 lm	110
34774	LXHL-BR02	LUMILEDS	Luxeon Emitter	Royal blue	500mA	455 nm	3.42V		110
34775	LXHL-BW02	LUMILEDS	Luxeon Emitter	White	500mA	5500 K	3.42V	45 lm	110



**NOTES:**

1. The anode side of the device is denoted by a hole in the lead frame. Electrical insulation between the case and the board is required—slug of device is not electrically neutral. Do not electrically connect either the anode or cathode to the slug.
2. Caution must be used in handling this device to avoid damage to the lens surface that will reduce optical efficiency
3. All dimensions are in millimeters
4. All dimensions without tolerances are for reference only.

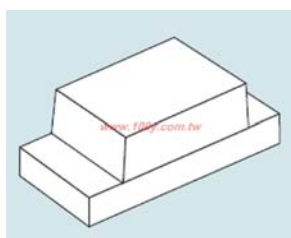
Part No.	Product No.	Manufacturer	Description	Emitting Color	If max. (mA)	Wave length (nm)	Vf(V)/20mAIf	light(mcd)	View Angle
34776	LXHL-DB01	LUMILEDS	Luxeon Emitter	Blue	500mA	470 nm	3.42V	14.5 lm	75° - 85°
41037	LXHL-DB02	LUMILEDS	Luxeon Emitter	Blue	700mA	470 nm	6.84V		75° - 85°
34777	LXHL-DD01	LUMILEDS	Luxeon Emitter	Red	550mA	627 nm	2.95V	40 lm	75° - 85°
34778	LXHL-DL01	LUMILEDS	Luxeon Emitter	Amber	550mA	590 nm	2.95V	38 lm	75° - 85°
34779	LXHL-DM01	LUMILEDS	Luxeon Emitter	Green	500mA	530 nm	3.42V	48 lm	75° - 85°
34780	LXHL-DR01	LUMILEDS	Luxeon Emitter	Royal blue	500mA	455 nm	3.42V		75° - 85°
34781	LXHL-DW01	LUMILEDS	Luxeon Emitter	White	500mA	5500 K	3.42V	40.5 lm	75° - 85°



**NOTES:**

1. The anode side of the device is denoted by a hole in the lead frame. Electrical insulation between the case and the board is required—slug of device is not electrically neutral. Do not electrically connect either the anode or cathode to the slug.
2. All dimensions are in millimeters
3. All dimensions without tolerances are for reference only.

Part No.	Product No.	Manufacturer	Description	Emitting Color	If max. (mA)	Wave length (nm)	Vf(V)/20mAIf	light(mcd)	View Angle
34782	LXHL-PB01	LUMILEDS	Luxeon Emitter	Blue	500mA	470 nm	3.42V	16 lm	140
34784	LXHL-PD01	LUMILEDS	Luxeon Emitter	Red	550mA	627 nm	2.95V	44 lm	140
34785	LXHL-PH01	LUMILEDS	Luxeon Emitter	Red Orange	550mA	617 nm	2.95V	55 lm	140
34786	LXHL-PL01	LUMILEDS	Luxeon Emitter	Amber	550mA	590 nm	2.95V	42 lm	140
34787	LXHL-PM01	LUMILEDS	Luxeon Emitter	Green	500mA	530 nm	3.42V	53 lm	140
34788	LXHL-PR03	LUMILEDS	Luxeon Emitter	Royal Blue	500mA	455 nm	3.42V		140
34789	LXHL-PW01	LUMILEDS	Luxeon Emitter	White	500mA	5500 K	3.42V	45 lm	140



Emitted Colour	Lens Colour	Peak Wavelength nm	Typ. Luminous Intensity (IF=20mA) mcd	Chip Height (H) mm	Manf. Part No.
Red	Water-clear	650	4	0.8	SML-210VT
Red	Water-clear	660	10	0.8	SML-210LT
Orange	Water-clear	610	6.3	0.8	SML-210DT
Yellow	Water-clear	585	6.3	0.8	SML-210YT
Green	Water-clear	570	16	0.8	SML-210MT

Part No.	Product No.	Manufacturer	Description	Emitting Color	If max. (mA)	Wave length (nm)	light(mcd)	View Angle
35164	SML-210DT	ROHM	LEDs, Surface Mount	Orange	20mA	610	6.3	140°
35163	SML-210LT	ROHM	LEDs, Surface Mount	Red	20mA	660	10	140°
35162	SML-210MT	ROHM	LEDs, Surface Mount	Green	20mA	570	16	140°
35161	SML-210VT	ROHM	LEDs, Surface Mount	Red	20mA	650	4	140°
35160	SML-210YT	ROHM	LEDs, Surface Mount	Yellow		585	6.3	140°

