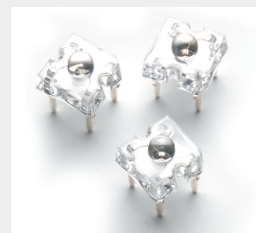


DISCRETE LEDS

Mako™ Super Flux LED Module, 7.62mm Square

- High current Capability
- Wide View Angle
- Radiation (Visible) Pattern Uniform
- Ultrabright Ideal for Outdoor Application



Super Flux "Mako" Series

Ultrabright SMD Module

LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data @20mA			Viewing Angle 2 θ 1/2 (deg)
	Material	Peak Wave Length λp (nm)	Emitted Color		Δ λ (nm)	Pd (mW)	If (mA)	Peak If (mA)	Vf (V)		Iv (mcd)	
									TYP	MAX	TYP	
M470-60	InGaN	470	BLUE	WATER CLEAR	28	120	30	50	4.1	4.6	2500.0	60
M505-60	InGaN	505	TURQUOISE	WATER CLEAR	38	120	30	50	4.0	4.6	3300.0	60
M525-60	InGaN	525	GREEN	WATER CLEAR	38	120	30	50	4.0	4.6	3800.0	60
M588-60	AlGaInP	588	YELLOW	WATER CLEAR	30	120	30	50	2.8	3.0	2000.0	60
M630-60	AlGaInP	630	RED	WATER CLEAR	40	120	30	50	2.8	3.0	2000.0	60
MWHT-60	InGaN	X=0.29, Y=0.30	WHITE	WATER CLEAR	-	120	20	100	3.4	4.0	1100.0	60
MRGB-60	AlGaInP	630	RED	WATER CLEAR	-	40	30	50	2.8	3.0	1400.0	60
	InGaN	525	GREEN		-	70	30	50	2.8	3.0	1900.0	
	InGaN	470	BLUE		28	80	30	50	2.8	3.0	1900.0	

