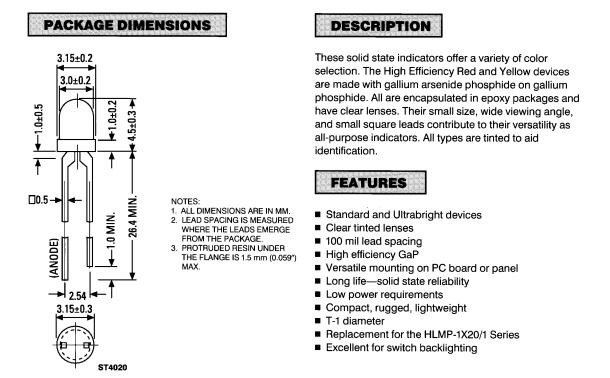


YELLOW MV5362X TINTED, HLMP-1440, MV5360 PALE TINT HIGH EFFICIENCY GREEN MV5462X TINTED, HLMP-1540, MV5460 PALE TINT HIGH EFFICIENCY RED MV5762X TINTED, HLMP-1340, MV5760 PALE TINT



PHYSICAL CHARACTERISTICS									
ТҮРЕ	SOURCE COLOR	LENS EFFECT	LUMINOUS INTENSITY at 25°C (mcd) MIN. TYP.		TEST CONDITION				
UltrabrightHLMP-1440	Yellow	Pale Tint	24.0	60.0	I _F =20 mA				
MV5360 (HLMP-1420)	Yellow	Pale Tint	6.0	12.0	I _F =10 mA				
MV53621	Yellow	Tinted	3.0	4.0					
MV53622	Yellow	Tinted	6.0	8.0 ^J					
Ultrabright HLMP-1540	High Efficiency Green	Pale Tint	24.0	60.0 J	I₅=20 mA				
MV5460 (HLMP-1520)	High Efficiency Green	Pale Tint	6.0	12.0 }					
MV54624 (HLMP-1521)	High Efficiency Green	Tinted	6.0	12.0 J					
Ultrabright HLMP-1340	High Efficiency Red	Pale Orange Tint	24.0	60.0 J	l _⊧ =20 mA				
MV5760 (HLMP-1320)	High Efficiency Red	Pale Orange Tint	6.0	12.0	I⊧=10 mA				
MV57620	High Efficiency Red	Tinted	1.5	2.0 }					
MV57621	High Efficiency Red	Tinted	3.0	4.0					
MV57622 (HLMP-1321)	High Efficiency Red	Tinted	6.0	12.0 J					

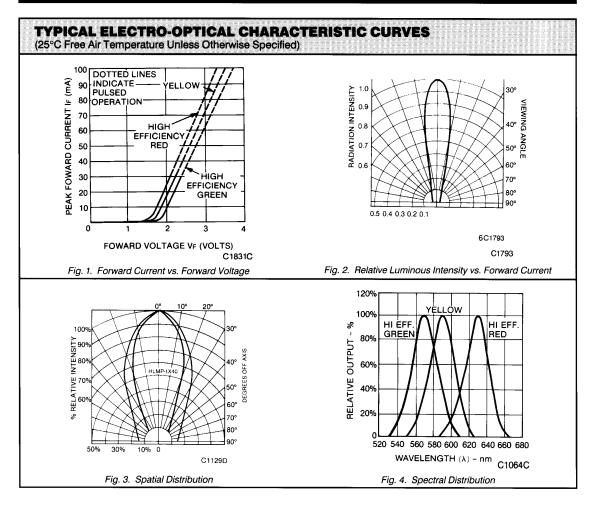


PARAMETER	TEST CONDITIONS	UNITS	MV5362X MV5360	MV5462X MV5460	MV5762X MV5760	HLMP-1340	HLMP-1440	HLMP-1540
Forward voltage (V _F) typ. max.	I _F =10 mA	v	2.1 3.0	2.1* 3.0*	2.0 3.0	2.2* 3.0*	2.2* 3.0*	2.2* 3.0*
Peak wavelength		nm	585	565	635	635	585	565
Spectral line half width		nm	35	40	45	45	35	40
Capacitance typ.	f=1 MHz, V=0	pF	45	20	45	45	45	20
Reverse voltage (V _R) min.	I ₈ =100 μA	v	5.0	5.0	5.0	5.0	5.0	5.0
Viewing angle (total) typ.	See Fig. 3	degrees	45	45	45	45	45	45

*I_F=20 mA

Power dissipation	120 mW
Derate linearly from 50°	0.4 mA/°C
Storage and operating temperature	55°C to +100°C
Lead soldering time at 260°C (1/16 inch from body)	
Continuous forward current (MV5360/MV5362X/HLMP-1440=20 mA)	30 mA
Peak forward current (1 μ sec pulse, 0.3% duty cycle) (MV5360/MV5362X/HLMP-1440=60 mA) \ldots	
Reverse voltage	







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