

Color	Dash #	λ Dominant Typical	λ Dominant Range	Spectral Half-width $\Delta\lambda_{1/2}$	λ Peak Typical	Units	Typical mW per LED	
Ultra Violet	-365	365	n/a	8	365	nm	175	
Ultra Violet	-395	395	390 - 410	n/a	n/a	nm	200	
Blue	-470	470	459 - 491	25	464	nm	250	
Blue (M series)	-470	465	455 - 475	21	453	nm	420	
Cyan	-505	505	489 - 521	30	503	nm	160	
Green	-530	530	519 - 561	35	522	nm	105	
Green (M series)	-530	530	525 - 535	39	518	nm	175	
Amber	-590	590	584 - 598	14	592	nm	81	
Red	-630	625	620 - 645	20	638	nm	167	
Red (M series)	-630	625	618 - 630	17	632	nm	200	
Infrared	-850	845	n/a	40	850	nm	163	
Infrared	-940	935	n/a	45	940	nm	175	
Pure White	-WHI	Color Temp 5700 - 7000K CRI 70 typ						340
Natural White	-NWH	Color Temp 3500 - 4500K CRI 93 typ						250

Notes:

- Specifications are as of May 2009
- mW output are based on 350mA LED current
- mW output is used versus lumens due to the fact that lumens is based on the human eye curve and isn't relevant for machine vision
- Spectrum Illumination seeks to obtain the newest technology available and therefore these specifications are subject to change without notice

