

Color	Dash #	λ Dominant Typical	λ Dominant Range	Spectral Half-width $\Delta\lambda_{1/2}$	λ Peak Typical	Units	Typical mW per LED	Typical Lumens per LED	
Ultra Violet	-365	365	360 - 370	10	365	nm	504	n/a	
Ultra Violet	-395	397	390 - 400	10	395	nm	710	n/a	
Royal Blue	-450	451	440 - 455	18	453	nm	730	53*	
Blue	-470	467	465 - 485	21	465	nm	361*	45.7	
Cyan	-505	510	500 - 520	78	510	nm	286*	80.5	
Green	-530	527	520 - 535	38	522	nm	117*	70.0	
Amber	-590	592	585 - 595	14	594	nm	143*	73.9	
Red	-630	631	620 - 635	16	632	nm	382*	73.9	
Photo Red	-660	645	650 - 670	20	667	nm	500	27.6*	
Far Red	-730	725	720 - 740	31	730	nm	350	n/a	
Infrared	-850	850	n/a	39	855	nm	250	n/a	
Infrared	-940	940	n/a	45	945	nm	217	n/a	
White	-WHI	Color Temp 5000 - 7000K CRI 70 typ						n/a	164 [#]
Neutral White	-NWH	Color Temp 3500 - 5000K CRI 70 typ						n/a	164 [#]
Warm White	-WWH	Color Temp 2700 - 3500K CRI 70 typ						n/a	156 [#]
						Higher CRI available on request			
						* Calculated # minimum			

Notes:

- Specifications are as of July 2020
- Output is based on 350mA LED current
- mW output is provided as well as lumens (if applicable). mW output better represents comparable LED power output vs. lumens as lumens is based on the human eye curve and isn't as relevant for machine vision cameras
- Spectrum Illumination seeks to obtain the newest technology available and therefore these specifications are subject to change without notice

