

Sample Product - Led Selection Guide

Lunar Accents Design Corporation offers an array of sample LED products, which can provide cost efficient prototype solutions for some applications. Literally thousands of LEDs are available for custom design configurations. However, we have simplified things by pre-selecting only a handful of LEDs for sample product integrations. Most applications will always require additional custom prototyping to some extent.

Emission (Color)	Beam Angle (degrees)	Typical Candela Rating (mcd)	Package (Type)	Lunar Accents (Stock Number)
White	15	4,600	5mm clear	115
		18,000	5mm clear	116
	20	9,200	5mm clear	120
	50	2,500	5mm clear	150
	70	690	5mm diffused	170
Warm White	15	9,200	5mm clear	215
		6,400	5mm diffused	216
	50	1,800	5mm clear	250
	55	1,250	5mm diffused	255
Blue	15	3,460	5mm clear	415
	30	1,500	5mm clear	430
		1,500	5mm tinted	431
	40	600	5mm diffused	440
	45	800	5mm clear	445
Green-Blue	10	12,000	5mm clear	510
	15	9,200	5mm clear	515
	30	3,920	5mm clear	530
		3,920	5mm clear	531
	45	2,060	5mm clear	545
Green	15	11,600	5mm clear	516
	30	5,000	5mm clear	532
		5,000	5mm tinted	533
	40	2,000	5mm diffused	540
	45	2,760	5mm clear	546
Yellow	20	4,600	5mm clear	520
Red	30	2,800	5mm clear	630
	50	1,000	5mm diffused	650

Table 1.0

Other colors such as orange, amber, purple, and pink, may be available upon special request!

Typical inventories at Lunar Accents Design Corporation are limited to the LEDs found in table 1.0. Although these LEDs are exclusive to inventory, numerous alternatives from various manufactures are readily available upon request. Alternative components may contain various optical, electrical, and physical characteristics, not offered by components found in table 1.0. Custom designs are never limited to specific components. Component datasheets and sample-product pricing is available online at <http://www.LunarAccents.com>.

The Lunar Accents Stock number located in the far right hand column of table 1.0 offers a generic component reference. The first digit of this stock number corresponds with the first digit of the optical wavelength associated with that particular LED. Exceptions include white and warm white. The last two digits correspond with the beam angle associated with that particular LED. Exceptions include cases where the stock number is previously used. Subsequent values replace the beam angle in such cases. This system helps with identifying components and eliminates lengthy manufacture part numbers.