

Hornet Series

Hornet Series is a creative package combining white or warm white, red, green and blue chips in a single package. This multichips color in one design aim for providing better color mixing and providing the lighting-class performance to the new generation of lighting fixtures.

Main Applications

Entertainment lighting

Architectural lighting

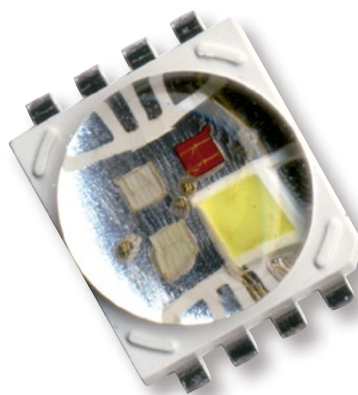
Features

Best color mixing performance

Thermal resistance: 3°C/W

IR-reflowable

Best Moisture Sensitivity : JEDEC 1



5 Watt Hornet Series

Part No.	Color	Watt	Lumens Flux (typ.)	Test. Current	Vf (V)			CCT/λd(nm)	2θ½ [°]
					Min.	Typ.	Max.		
PC8N-5LTE	■ Red	5W	32	350mA	1.9	2.2	3.1	620.5~631nm	Lambertian 2θ½=140°
	■ Green		60		2.8	3.5	4.0	520~530nm	
	■ Blue		15		2.8	3.5	4.0	460~465nm	
	■ White		89		2.8	3.5	4.0	X0, S0	

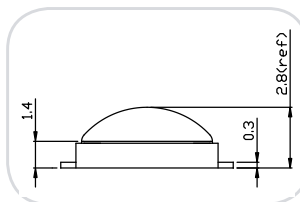
10 Watt Hornet Series

Part No.	Color	Watt	Lumens Flux (typ.)	Test. Current	Vf (V)			CCT/λd(nm)	2θ½ [°]
					Min.	Typ.	Max.		
PC8N-10LTE	■ Red	10W	63	700mA	1.9	2.2	3.1	620.5~631nm	Lambertian 2θ½=140°
	■ Green		110		2.8	3.5	4.0	520~530nm	
	■ Blue		28		2.8	3.5	4.0	460~465nm	
	■ White		152		2.8	3.5	4.0	X0, S0	

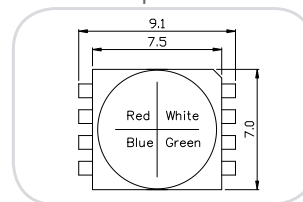
Picture



Front View



Top View



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