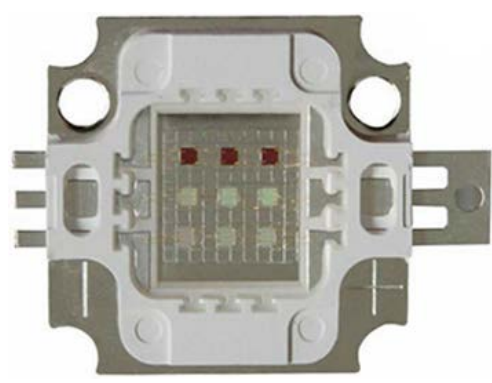
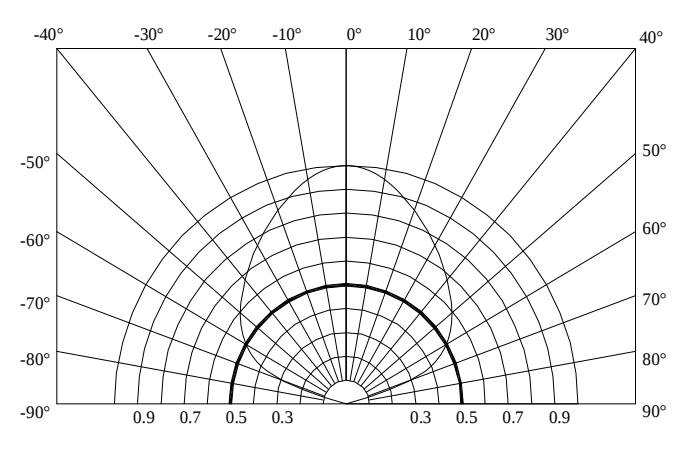


10W-LED-30mil-RGB-001

www.pcboard.ca Pin 1 2 3  Pin 4 5 6		Spatial Distribution 				
Pin 1: Blue Pin 2: Green Pin 3: Red		Pin 4,5,6: Common Anode				
PRODUCT MODEL		EMITTING COLOR	MATERIAL			
10W-LED-30mil-RBG-001		RGB	GaInP			
Electro-Optical Characteristic(Ta=+25℃)						
PARAMETER	SYMBOL	CONDITIONS	MIN.	TYP.	MAX.	UNIT
Forward Voltage	R-VF	IF=300mA	6.00		7.00	V
Forward Voltage	G-VF	IF=300mA	9.00		11.00	V
Forward Voltage	B-VF	IF=300mA	9.00		11.00	V
Spectral Line Halfwidth	R-△λ	IF=300mA	620		625	nm
Spectral Line Halfwidth	G-△λ	IF=300mA	520		525	nm
Spectral Line Halfwidth	B-△λ	IF=300mA	460		465	nm
Reverse Current	IR	VR=10V			10	uA
Luminous Intensity	RGB-IV	IF=900mA	350		400	LM
Viewing Angle	△θ	IF=900mA		140		deg
ABSOLUTE MAXIMUM RATINGS(Ta=+25℃)						
Reverse Voltage (V) Each Color	Total Forward Current(mA)	Peak forward Current(mA)	Power Dissipation (W) Total		Operation Temperature Range(℃)	Storage Temperature Range(℃)
15	1000	1500	10		-20~60	-30~80

Lead soldering Temperature (4mm from body) :260℃ for 3 seconds