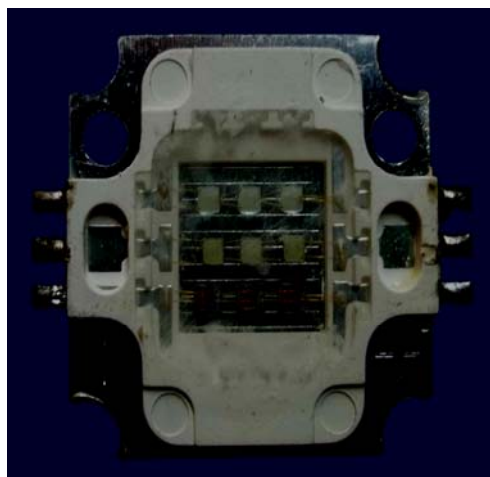


31518-OP

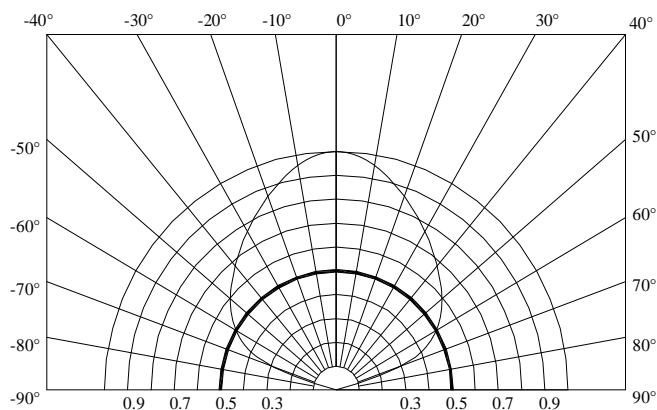
Pack Dimensions (mm) 20X20



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

XC-10W-RGB-CA

SUPER RGB

GaInP

Electro-Optical Characteristic(Ta=+25°C)

PARAMETER	SYMBOL	CONDITIONS	MIN.	TYP.	MAX.	UNIT
Forward Voltage	R-VF	IF=350mA	6.00		7.00	V
Forward Voltage	G-VF	IF=350mA	10.00		11.00	V
Forward Voltage	B-VF	IF=350mA	10.00		11.00	V
Spectral Line Halfwidth	R- $\Delta \lambda$	IF=350mA	620		625	nm
Spectral Line Halfwidth	G- $\Delta \lambda$	IF=350mA	520		525	nm
Spectral Line Halfwidth	B- $\Delta \lambda$	IF=350mA	460		465	nm
Reverse Current	IR	VR=10V			10	uA
Luminous Intensity	RGB-IV	IF=1000mA	350		400	LM
Viewing Angle	$\Delta \theta$	IF=1000mA		140		deg

ABSOLUTE MAXIMUM RATINGS(Ta=+25°C)

Reverse Voltage (V) Each Color	Total Forward Current(mA)	Peak forward Current(mA)	Power Dissipation (W) Total	Operation Temperature Range(°C)	Storage Temperature Range(°C)
15	1000	1500	10	-20~60	-30~80

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