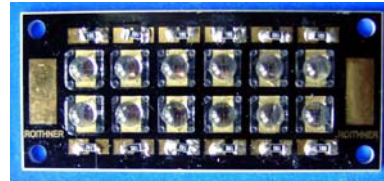
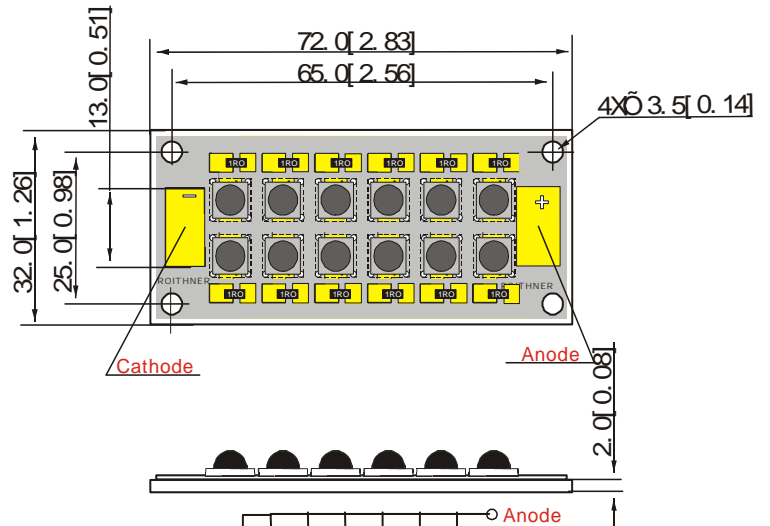
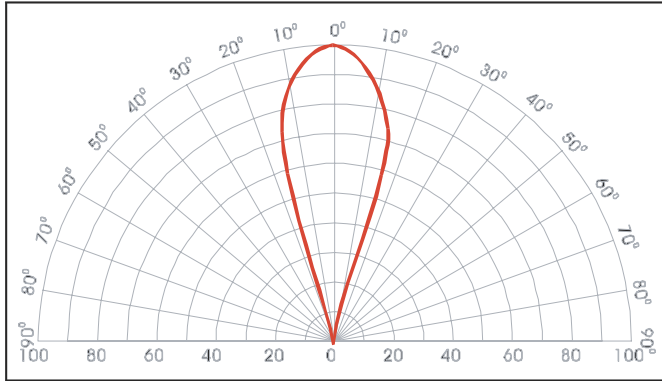


# RLT-MIL POWER LED SERIES



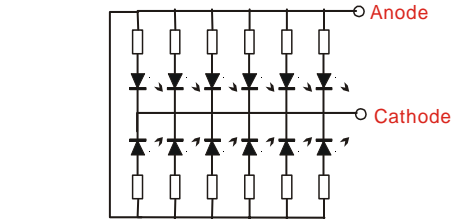
Package Dimension (Unit: mm)

Typical Viewing Angle (Ta = 25°C)



Absolute Maximum Ratings (Ta = 25°C)

Parameter	Symbol	Max	Unit
Forward Current	IDD	4.2	A
Reverse Voltage	VDD	5.0	V
Reverse Current	IR	500	μA
Power Dissipation	PD	20	W
Working Temperature	TOPR	-20°C+50	°C
Storing Temperature	TSTG	-40°C+80	°C
Soldering Temperature	TSLD	260°C 5s	°C



Unit: mm[inches]  
Tolerance: ±0.25mm[0.01]

Electro-Optical Characteristics (Ta = 25°C)

Item	Chip Size	Emitting Color	Wavelength	Forward Current	Forward Voltage	Luminous Intensity	Viewing Angle
	(MIL)		$\lambda_D$ (nm)				
RLT-MIL470-12W-30	40X40	White	—	4.2	4.7	200	30°
RLT-MIL395-12U-30	40X40	UV	390—405	4.2	5.4	-	30°
RLT-MIL470-12B-30	40X40	Blue	460—470	4.2	4.7	135	30°
RLT-MIL505-12C-30	40X40	Cyan	500—510	4.2	4.7	240	30°
RLT-MIL525-12G-30	40X40	Green	520—530	4.2	4.7	240	30°
RLT-MIL590-12A-30	40X40	Amber	585—595	4.2	3.2	120	30°
RLT-MIL630-12R-30	40X40	Red	620—630	4.2	3.2	120	30°
RLT-MIL850-12I-30	40X40	IR	typ. 850	3.6	2.5	-	30°
RLT-MIL880-12I-30	40X40	IR	typ. 880	3.6	2.5	-	30°
RLT-MIL940-12I-30	40X40	IR	typ. 940	3.6	2.3	-	30°

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