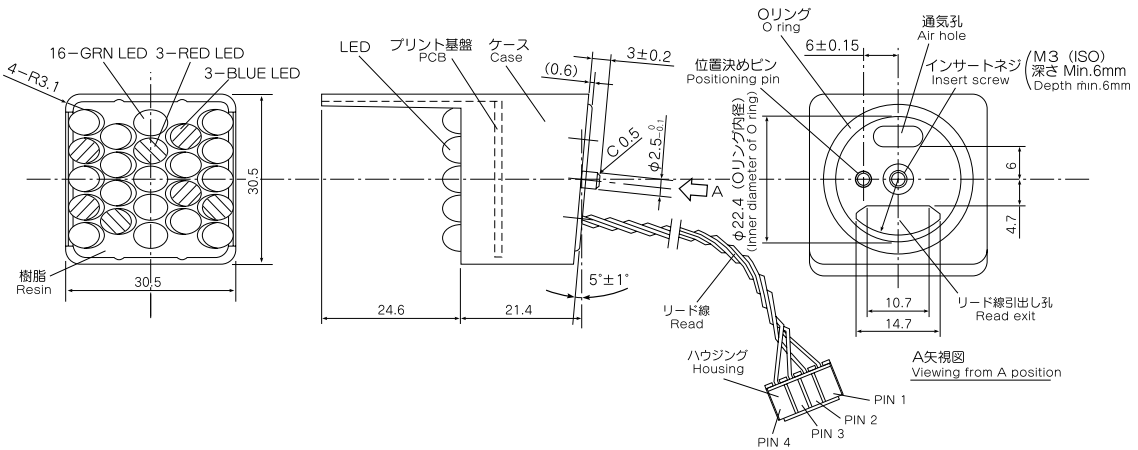


フルカラー屋外用大型 LED ランプ FULL COLOR LED LAMP FOR OUTDOOR USE

30 mm × 30 mm LNQ70403

外形図

Outline Drawing



絶対最大定格 Absolute Maximum Ratings (Ta = 25°C)

項目	Item	Symbol	条件 Conditions	定格 Ratings	Unit	
順方向電流	Supply Current for LED	I _R	Red	25 mA × 1	25	mA
			Green	35 mA × 4	140	mA
			Blue	25 mA × 2	50	mA
逆方向電圧	Reverse Voltage	V _R	Red		9	V
			Green		16	V
			Blue		10	V
動作周囲温度	Operating Ambient Temperature	Topr		- 20 ~ + 60	°C	
保存温度	Storage Temperature	Tstg		- 30 ~ + 80	°C	

主なる仕様 Main Specifications (Ta = 25°C)

項目	Item	Symbol	条件 Conditions	定格 Ratings	Unit	
順方向電圧	Forward Voltage	V _F	Red	I _F = 20 mA	Typ 5.4	V
			Green	I _F = 120 mA	Typ 8.8	V
			Blue	I _F = 40 mA	Typ 8.0	V
逆方向電流	Reverse Current	I _R	Red	V _R = 9 V	Max 100	μ A
			Green	V _R = 16 V	Max 40	μ A
			Blue	V _R = 10 V	Max 100	μ A
ピーク発光波長	Peak Emission Wavelength	λ _p	Red	I _F = 20 mA	Typ 650	nm
			Green	I _F = 120 mA	Typ 565	nm
			Blue	I _F = 40 mA	Typ 450	nm
光度	Luminous Intensity	I _O	Red	I _F = 20 mA	Typ 0.8	cd
			Green	I _F = 120 mA	Typ 4.6	cd
			Blue	I _F = 40 mA	Typ 1.3	cd
1/2 光度	Viewing Angle (50 % Luminouse)	2θ 1/2	Red		70.0	°
			Green		70.0	
			Blue		70.0	
質量	Mass				30	g