

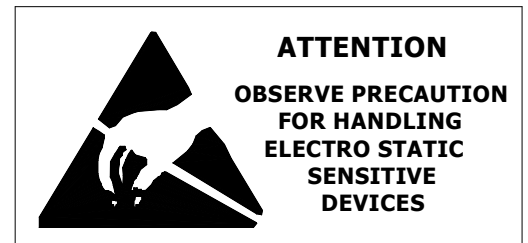


Energyled

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SPECIFICATION

PART NO. : LRC0xxxx-00x
Strip-shaped light source



Approved by

Checked by

Prepared by

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Part Number Information:

LRC0xx xx-00x

POWER :

12 → 120mA

24 → 240mA

CCT :

WA → 5700K

L9 → 4000K

L2 → 3000K

流水號 :

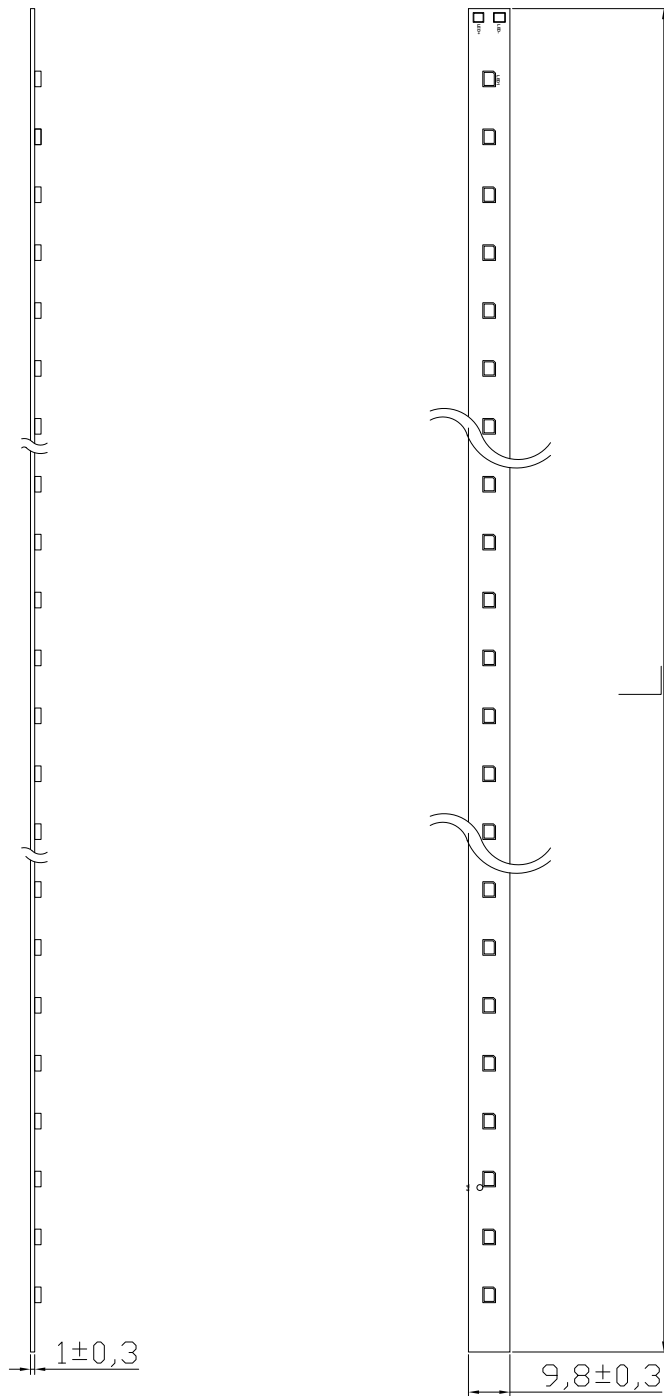
1 → 1

2 → 2

3 → 3



Assembly drawing



PART NO.	L (mm) ±1
LRC012xx-001	294
LRC024xx-001	564
LRC024xx-002	864
LRC024xx-003	1164

※All dimensions are in millimeters

**Electrical And Optical Characteristics:**

PART NO.	Correlated Color Temperature (K)		Condition (V)	Luminous Flux (lm)		Power Consumption (W)		
				min	typ	min	typ	max
LRC012WA-001	5700K	+400K -300K	DC30~38V 120mA	400	470	-	4.5	-
LRC024WA-001			DC30~38V 240mA	800	950	-	9	-
LRC024WA-002			DC45~57V 240mA	1200	1410	-	13.5	-
LRC024WA-003			DC62~77V 240mA	1600	1890	-	18	-

PART NO.	Correlated Color Temperature (K)		Condition (V)	Luminous Flux (lm)		Power Consumption (W)		
				min	typ	min	typ	max
LRC012L9-001	4000K	±300K	DC30~38V 120mA	380	450	-	4.5	-
LRC024L9-001			DC30~38V 240mA	770	900	-	9	-
LRC024L9-002			DC45~57V 240mA	1150	1350	-	13.5	-
LRC024L9-003			DC62~77V 240mA	1530	1800	-	18	-

PART NO.	Correlated Color Temperature (K)		Condition (V)	Luminous Flux (lm)		Power Consumption (W)		
				min	typ	min	typ	max
LRC012L2-001	3000K	±200K	DC30~38V 120mA	380	450	-	4.5	-
LRC024L2-001			DC30~38V 240mA	770	900	-	9	-
LRC024L2-002			DC45~57V 240mA	1150	1350	-	13.5	-
LRC024L2-003			DC62~77V 240mA	1530	1800	-	18	-

Absolute Maximum Ratings at Ta=25 °C

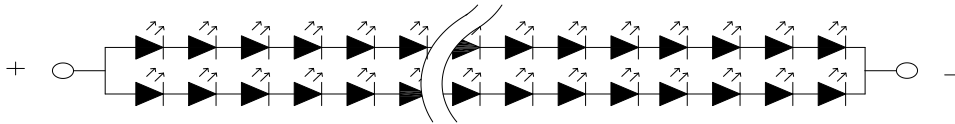
Parameter	Symbol	Rating	Unit
Power Dissipation	P _D	20	W
Operation Current (@ VDC 29V~35V)	I _F	200	mA
Operating Temperature Range	T _{opr.}	-20 to +60	°C
Storage Temperature Range	T _{stg.}	-30 to +80	°C



Circuit Diagram :

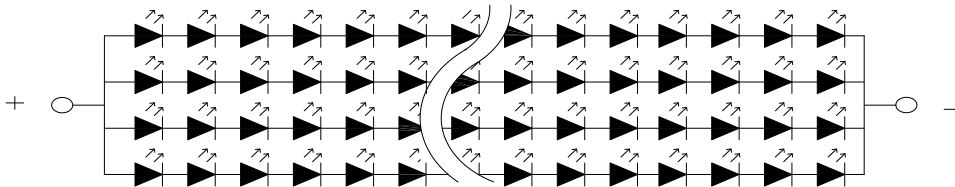
LRC012xx-001 :

LED 24PCS (12S2P) / DCV : DC30~38Vdc/120mA



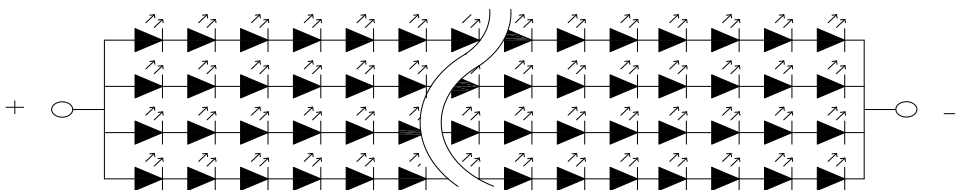
LRC024xx-001 :

LED 48PCS (12S4P) / DCV : DC30~38Vdc/240mA



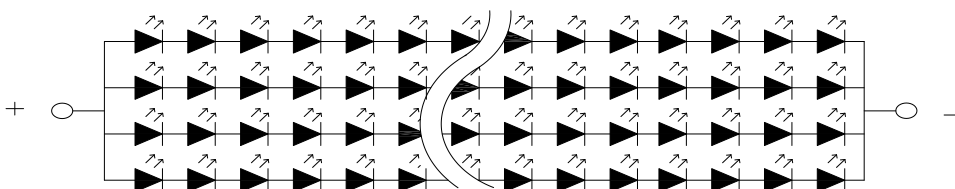
LRC024xx-002 :

LED 72PCS (18S4P) / DCV : DC45~57Vdc/240mA



LRC024xx-003 :

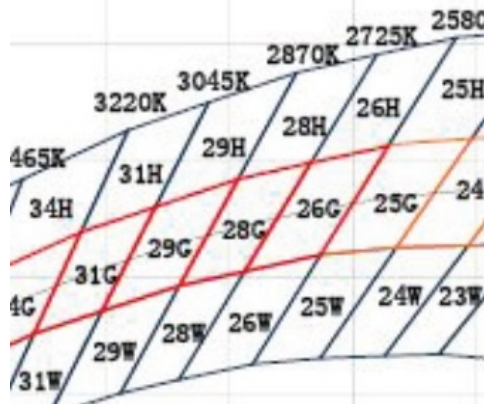
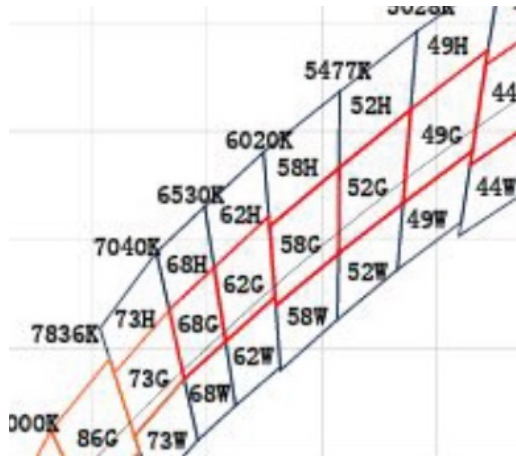
LED 96PCS (24S4P) / DCV : DC62~77Vdc/240mA





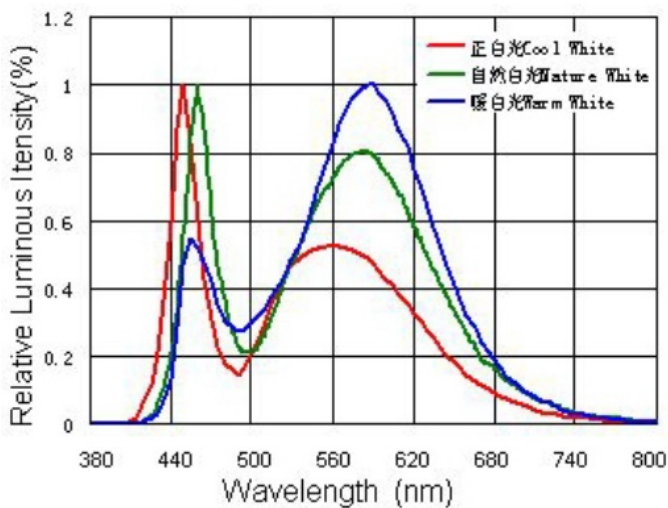
Chromaticity Coordinates Specifications for Bin Grading:

COLOR RANKS (IF=20mA, Ta=25°C)



Chromaticity Coordinates & Bin grading diagram:

光谱特性图
Relative Spectral Distribution



发光角度图 (极坐标)
Typical Spectral Distribution

