



HIGH SPEED LED TUBE IN-LINE TEST SYSTEM MODEL 5104

Chroma 5104 LED Tube Automation Test Line adopts unique and innovative technologies that use Mono-Srystalline Silicon Solar Cell as photodetectors and distribute them around LED tube. Based on photoelectric conversion principle of solar cell, and solar cell's relatively large area at lower cost, Chroma 5104 significantly reduced not only the size of the measurement equipment, but also greatly enhance the test speed. Loading and unloading each LED tube can be completed in five seconds. Chroma 5104 shows great performance of test speed at one LED tube per 6 seconds, including the time for photoelectric test.

Key Features

- Over 10K pcs Throughput Per Day
- Support a variety of LED tube measurement
- Support JEL801 Light Intensity Distribution Measurement
- Supports Flicker Measurement

Test Items

- Optical Power characteristics :
Lm, lm/w, LED operating frequency (Flicker)
- Color characteristics :
CIE_{x,y}, Duv, CIEu'v', CCT, CRI
- Power characteristics :
AC mode : Power factor (PF), Irms, Vrms, THD
DC mode : Forward voltage



Loading



Optical Testing



Unloading



Binning

Chroma

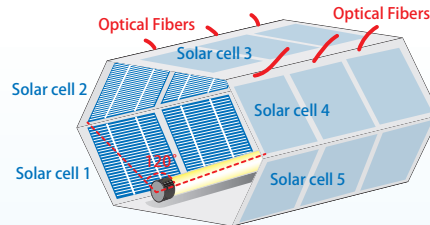
SPECIFICATIONS

Model		5104
Applicable Tester	Tester	58158-SC LED lighting test system
	Test Capability	Refer to Model 58158-SC specification
Suitable LED Lamps	Applicable Lamp	2 ft, 4 ft, 5 ft LED T5 / T8 / T10 non-glass tube
	Applicable Base	Standard : Bi-pin G13 Optional : Gx16t-5, G5
Change Kit		Gx16t-5 socket for JEL standard G5 socket for T5 tube
Optional Function		Flicker test
		Mix bin detection for 4 ft LED tube
		Barcode reader
Handler Index Time		5 sec / per-lamp (excluding lamp test time)
System Facility Requirement	Dimension (W x D x H)	2050 mm x 2270 mm x 1972 mm
	Power Requirement	AC Φ 220V, Max 20A
	Air Requiriement	20.5Mpa, 360L/min, Φ 10 mm

ORDERING INFORMATION

5104 : High Speed LED Tube In-line Test System *

* Call for customized availability



Solar Cell Module for JEL 801 LED Tube



Developed and Manufactured by :

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