The Light You Can Trust

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WIP® GIT Gem and Jewelry Institute of Thailand

Being Developed in Collaboration With GIT

Inspection LED Linear T8 Tube

FLICKER FREE

LED

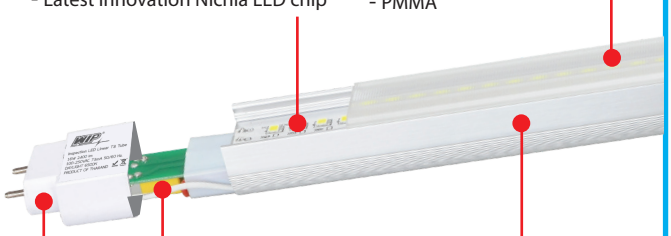
"Natural Light"



HIGHCRI • HIGHCRI • HIGHCRI • HIGHCRI • 90+

LED Strip
- Latest innovation Nichia LED chip

Linda Lens
- PMMA



Tube Aluminium

Driver
- Strickly follow IEC safety and EMC requirements
- Enhanced safety with built-in protection circuit

Dimension
- 100% comply with IEC standard on T8

NICHIA LEDiL RoHS Green Industry TIS.1955-2551 TIS.2779-2562 Products of Thailand

Eff. Date 14/07/25
Rev.1

Inspection LED Linear T8 Tube

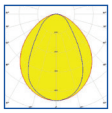
Being Developed in Collaboration With GIT

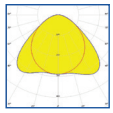
Inspection LED Linear T8 Tube is using high quality aluminum extrusion, G13 standard base lamp. Provide a better perspective with linear lens extrusion PMMA, offers high optical efficiency with good LED source, provides high quality light intensity (Lux) with low power consumption and energy saving, which can save up to 50%. The higher CRI90 for the better artificial light source is at rendering colors accurately, produce natural skin tones with more depth. Suitable for assembly table, inspection table or inspection process

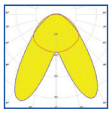


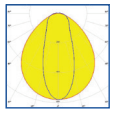
BEAM ANGLE

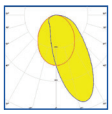

~ 60° + 90° Beam

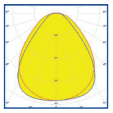

~ 70° + 100° Beam


~ 110° + 100° Beam


Double asymmetric beam for aisle and shelf lighting ~110° + 100° Wide Beam


~ 40° + 100° Oval Beam


Asymmetric beam for wall washing


~90° + 100° Wide Beam



TIS.1955-2551
TIS.2779-2562

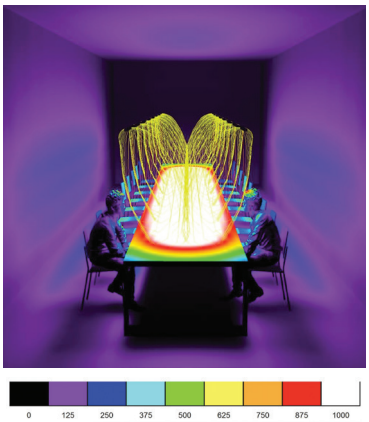
FLICKER FREE

LED

FEATURES

- Available in 2700K - 7800K
- 90+ CRI
- Flicker free
- Various beam angle for offer.
- Economic power consumption and low heat generation
- More than 50,000 hours lifetime and 1 year warranty

SIMULATION



LED Linear T8 9W 1200 mm
Mounting Height : 1 m
Luminaire Wattage : 9W
Lux on table : Eva 849 lx
Specific connected load :
2.41 W/m² = 3.73 W/m²/100 lx
(Ground area : 56.00 m²)

PHOTOMETRIC SPECIFICATIONS

LED :	Nichia
CRI :	90+
Flicker Free :	Yes
LED Lifetime (L70) :	50,000 hours
Light distribution :	~60° + 90° beam, ~70° + 100° beam, ~110° + 100° beam, ~40° + 100° Oval beam, ~90° + 100° Wide beam, Double Assymmetric beam, Asymmetric beam for Wall Washing

ELECTRICAL SPECIFICATIONS

Lamp Holder :	G13
Power :	5W, 9W, 12W, 14W, 16W, 18W
Input voltage :	100 - 250 VAC
Input frequency :	50 - 60 Hz.
Power factor :	>0.95
THDi :	<15%
Surge Protection :	1kV

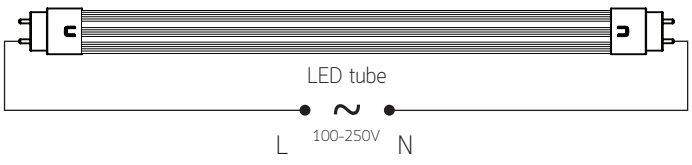
TECHNICAL SPECIFICATIONS

Lens Matterial :	PMMA
Illuminants :	2700K, 3000K, 3500K, 4000K, 5000K, 6500K, 7000K, 7800K
Operating Temperature	0 °C to + 55 °C

MECHANICAL SPECIFICATIONS

Product dimension (H x W x D) :	Ø28 mm x 588 mm (5W) Ø28 mm x 1198 mm (9W-18W)
Weight :	326 g.
Warranty :	1 Year

WIRING DIAGRAM



DIMENSION

