

COMPANY & PRODUCT HANDBOOK

T8 LED Tube Solutions

Wholesale & project supply built around Australian compliance, practical performance and human-centred design.

**Lower energy.
Less maintenance.
Better lighting.**

DICHANG PTY LTD



OUR FOUNDATION

Acknowledgement of Country

Respecting Country and community

DICHANG acknowledges the Traditional Custodians of the lands on which we live, work and conduct our business.

We pay our respects to Elders past and present and extend that respect to all Aboriginal and Torres Strait Islander peoples.

We recognise their continuing connection to land, waters, culture and community, and we support a more sustainable and inclusive future.

SUSTAINABILITY

INCLUSION

COMMUNITY

ABOUT DICHANG

Lighting with purpose

Australian-owned. Compliance-minded. Project-focused.

DICHANG provides high-efficiency lighting solutions for commercial buildings, strata communities, education settings and shared spaces.

We connect manufacturing capability with Australian compliance expectations and local project understanding. Our focus is simple: reduce unnecessary energy use, lower maintenance demands and improve everyday lighting outcomes.



BRAND STORY

The meaning behind DICHANG

Seven principles. One direction.

**“To deliver safer, more efficient and
more sustainable lighting
solutions.”**

D**Do Good First**

Reduce energy waste and improve everyday environments.

A**Australia × China**

Connect manufacturing capability with local compliance expectations.

I**Impact Over Hype**

Measure practical savings, lower maintenance and reliability.

N**No One Left Behind**

Support adaptable solutions for diverse buildings and budgets.

C**Compliance with Integrity**

Treat testing, safety and documentation as responsibilities.

G**Grow the Pie**

Create sustainable value for customers, partners and communities.

H**Human-Centred**

Design around facility teams, residents, educators and communities.

FOUNDERS' PERSPECTIVE

Safety, inclusion and real-world experience

A practical lens from early childhood environments.

DICHANG was founded by Lawliet Li and Cassie Wang. Their experience in early childhood environments shaped a practical belief: safety, inclusion and reliability must be considered from the beginning, not added at the end.

That perspective continues to guide product selection and project support.



“A compliant product must also be practical, reliable and considerate of the people beneath it.”

QUALITY ASSURANCE

Quality protected from factory to project

Strict quality control, protected delivery and dependable after-sales support.

Why choose us

- Strict product screening and project checks before supply
- Testing evidence reviewed while sensitive records are protected
- Air freight available to reduce long transit, moisture and handling risks
- Five-year warranty for eligible non-human-caused product failures
- Free replacement where failure is confirmed under warranty conditions



Strict screening | Air-freight protection | 5-year warranty | Free replacement

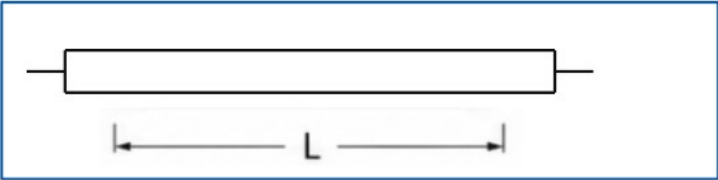
T8 HIGH-EFFICIENCY LAMP TUBE

600 mm Series

Compact and flexible lighting for smaller spaces.



600 mm



Product Features

- Compact length for confined installation areas
- Multiple wattage and lumen options for project needs
- High-PF constant-current IC driver
- PF >0.9 and Flicker-Free commercial configuration
- Single-end input with flame-retardant PC end caps
- CCT options from 3000K to 6500K
- CRI >80
- 5-year warranty

Recommended Applications

Small storage rooms, utility areas, corridors, stairwells and compact shared spaces.



Technical Parameters

Parameter	600 mm Series
Length	600 mm
Power Options	4-15W
Luminous Efficacy	150+ lm/W
Luminous Flux	600-2250 lm
Input Voltage	AC175-260V
Driver	High-PF constant-current IC
Power Factor	>0.9
Flicker	Flicker-Free
CRI	>80
Input Type	Single-end input
End Caps	Flame-retardant PC
CCT	3000K-6500K
Warranty	5 Years
Packaging	Pearl cotton sleeve + label
Outer Carton	30 pcs/carton

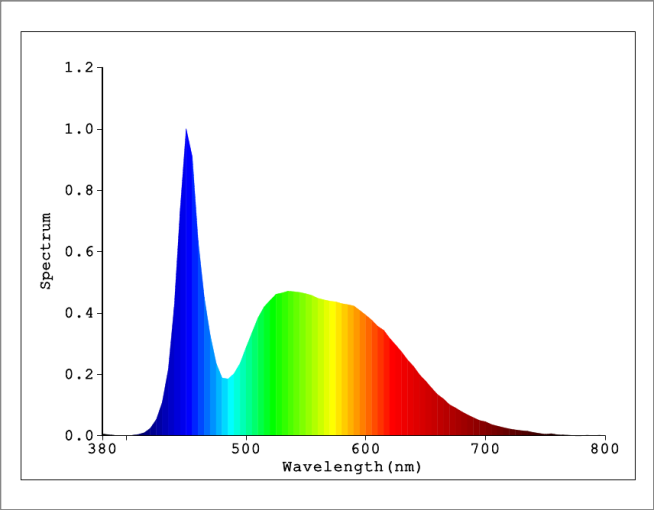
REPRESENTATIVE FIXED-POWER TEST SAMPLES

600 mm Series | 6500K Test Results

Representative 6500K samples from the commercial high-PF range. Project wattage and CCT can be configured within the published series range.

9W FIXED MODEL

0.6M | SINGLE-END EMC



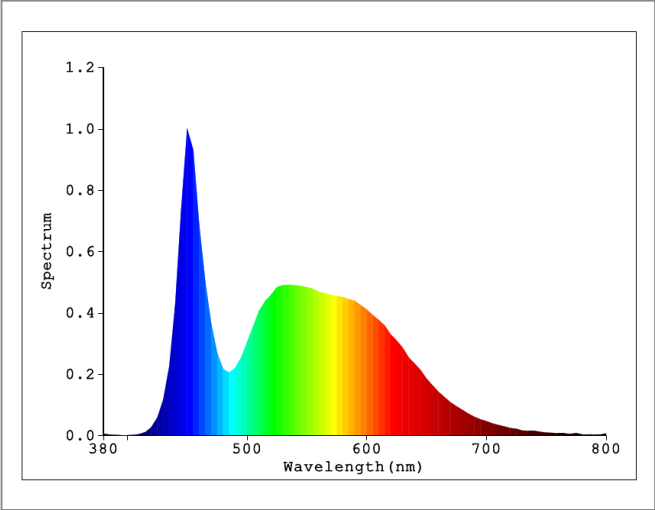
MEASURED PERFORMANCE

153.2 lm/W	
EFFICACY	
1,451.7 lm	
LUMINOUS FLUX	
Measured power	9.473 W
Measured CCT	6473 K
CRI	Ra 81.9
PF / SDCM	0.9399 / 2.3

Test 0565 | 9 Aug 2026

15W FIXED MODEL

0.6M | SINGLE-END EMC



MEASURED PERFORMANCE

151.4 lm/W	
EFFICACY	
2,307.8 lm	
LUMINOUS FLUX	
Measured power	15.24 W
Measured CCT	6489 K
CRI	Ra 82.3
PF / SDCM	0.9616 / 1.7

Test 0568 | 9 Aug 2026

FIXED-POWER TEST SAMPLES, FLEXIBLE PROJECT CONFIGURATION

Laboratory results apply to the tested 6500K samples. Other wattage and CCT configurations are project-specific.

Flicker-Free is an engineering/product specification and is not measured by these spectrophotocolorimeter reports.

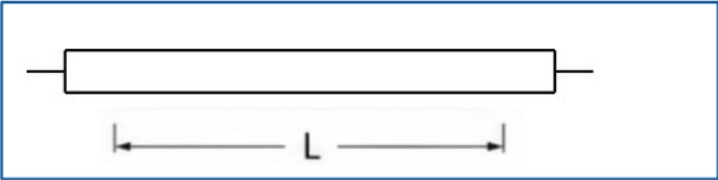
T8 HIGH-EFFICIENCY LAMP TUBE

1200 mm Series

The versatile choice for commercial and strata projects.



1200 mm



Product Features

- Versatile length for most commercial upgrade projects
- Multiple wattage and lumen options for project needs
- High-PF constant-current IC driver
- PF >0.9 and Flicker-Free commercial configuration
- Single-end input with flame-retardant PC end caps
- CCT options from 3000K to 6500K
- CRI >80
- 5-year warranty

Recommended Applications

Underground car parks, strata common areas, offices, classrooms, retail spaces and workshops.



Technical Parameters

Parameter	1200 mm Series
Length	1200 mm
Power Options	8-28W
Luminous Efficacy	150+ lm/W
Luminous Flux	1200-4200 lm
Input Voltage	AC175-260V
Driver	High-PF constant-current IC
Power Factor	>0.9
Flicker	Flicker-Free
CRI	>80
Input Type	Single-end input
End Caps	Flame-retardant PC
CCT	3000K-6500K
Warranty	5 Years
Packaging	Pearl cotton sleeve + label
Outer Carton	30 pcs/carton

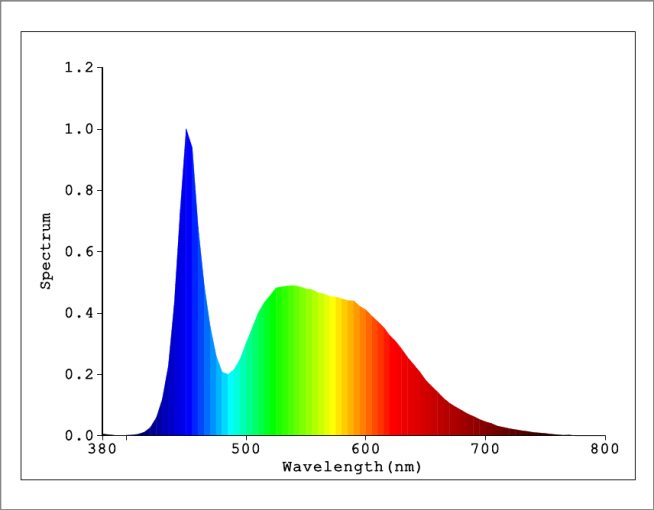
REPRESENTATIVE FIXED-POWER TEST SAMPLES

1200 mm Series | 6500K Test Results

Representative 6500K samples from the commercial high-PF range. Project wattage and CCT can be configured within the published series range.

18W FIXED MODEL

1.2M | SINGLE-END EMC



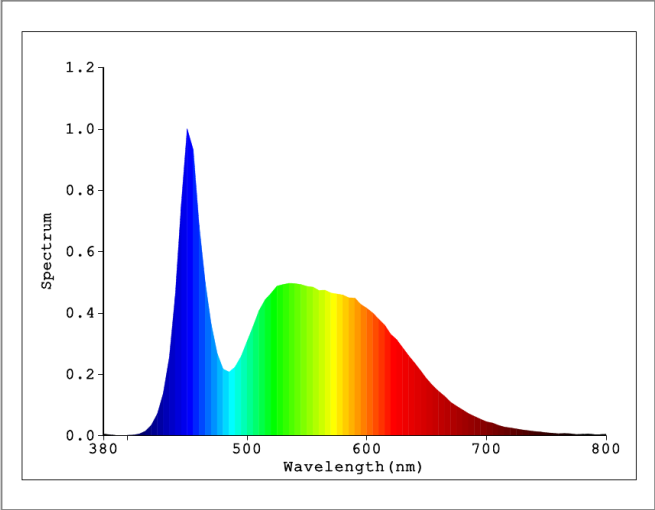
MEASURED PERFORMANCE

151.6 lm/W	
EFFICACY	
2,739.2 lm	
LUMINOUS FLUX	
Measured power	18.07 W
Measured CCT	6486 K
CRI	Ra 82.0
PF / SDCM	0.9720 / 1.8

Test 0566 | 9 Aug 2026

28W FIXED MODEL

1.2M | SINGLE-END EMC



MEASURED PERFORMANCE

154.5 lm/W	
EFFICACY	
4,465.9 lm	
LUMINOUS FLUX	
Measured power	28.91 W
Measured CCT	6506 K
CRI	Ra 82.1
PF / SDCM	0.9734 / 2.2

Test 0569 | 9 Aug 2026

FIXED-POWER TEST SAMPLES, FLEXIBLE PROJECT CONFIGURATION

Laboratory results apply to the tested 6500K samples. Other wattage and CCT configurations are project-specific.

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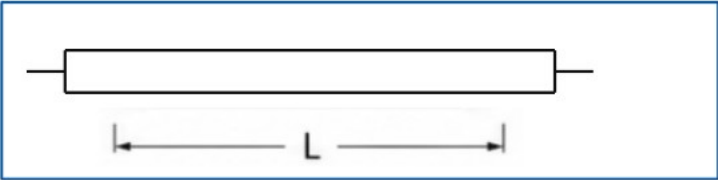
T8 HIGH-EFFICIENCY LAMP TUBE

1500 mm Series

Extended coverage for larger commercial and industrial spaces.



1500 mm



Product Features

- Longer tube length for extended lighting runs
- Multiple wattage and lumen options for project needs
- High-PF constant-current IC driver
- PF >0.9 and Flicker-Free commercial configuration
- Single-end input with flame-retardant PC end caps
- CCT options from 3000K to 6500K
- CRI >80
- 5-year warranty

Recommended Applications

Warehouses, factories, logistics facilities, large retail spaces and other high-coverage project environments.



Technical Parameters

Parameter	1500 mm Series
Length	1500 mm
Power Options	8-30W
Luminous Efficacy	150+ lm/W
Luminous Flux	1200-4500 lm
Input Voltage	AC175-260V
Driver	High-PF constant-current IC
Power Factor	>0.9
Flicker	Flicker-Free
CRI	>80
Input Type	Single-end input
End Caps	Flame-retardant PC
CCT	3000K-6500K
Warranty	5 Years
Packaging	Pearl cotton sleeve + label
Outer Carton	30 pcs/carton

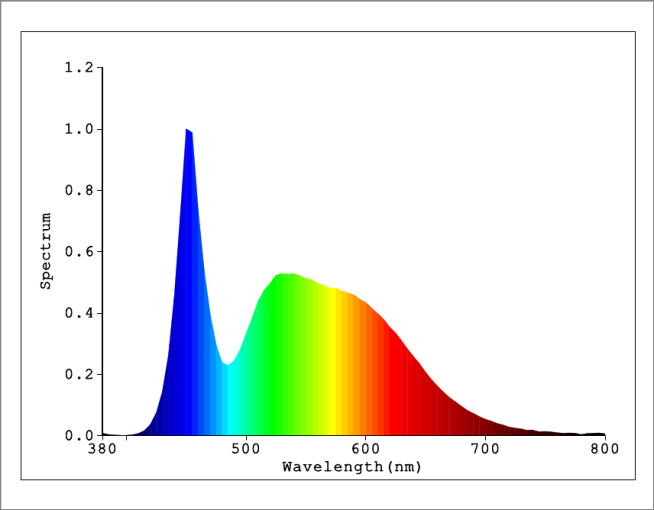
REPRESENTATIVE FIXED-POWER TEST SAMPLES

1500 mm Series | 6500K Test Results

Representative 6500K samples from the commercial high-PF range. Project wattage and CCT can be configured within the published series range.

24W FIXED MODEL

1.5M | SINGLE-END EMC



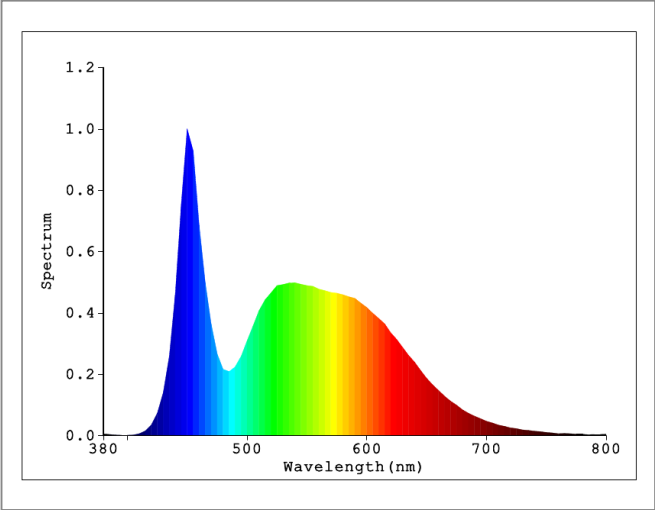
MEASURED PERFORMANCE

156.8 lm/W	
EFFICACY	
3,787.3 lm	
LUMINOUS FLUX	
Measured power	24.15 W
Measured CCT	6482 K
CRI	Ra 83.0
PF / SDCM	0.9633 / 0.6

Test 0570 | 9 Aug 2026

30W FIXED MODEL

1.5M | SINGLE-END EMC



MEASURED PERFORMANCE

151.3 lm/W	
EFFICACY	
4,659.3 lm	
LUMINOUS FLUX	
Measured power	30.80 W
Measured CCT	6484 K
CRI	Ra 82.1
PF / SDCM	0.9759 / 2.2

Test 0567 | 9 Aug 2026

FIXED-POWER TEST SAMPLES, FLEXIBLE PROJECT CONFIGURATION

Laboratory results apply to the tested 6500K samples. Other wattage and CCT configurations are project-specific.

Flicker-Free is an engineering/product specification and is not measured by these spectrophotocolorimeter reports.

CUSTOMISATION & PROJECT SUPPORT

Built around the project, not a fixed catalogue

Options can be tailored to site needs and procurement requirements.

Project Support

- Project-specific wattage options within the published series ranges
- Colour temperature options from 3000K to 6500K
- PF >0.9 high-power-factor commercial configuration
- Flicker-Free commercial configuration
- Single-end input and project-specific product configuration
- Private label and packaging support for approved project orders
- Air-freight import model to reduce moisture and transit-risk exposure
- Wholesale supply, staged rollouts and repeat procurement
- 5-year warranty support



WHERE IT FITS

Practical lighting for high-use environments

Wholesale supply, project coordination and tailored lighting solutions.

Typical environments

Underground car parks
Strata common areas
Warehouses & workshops
Schools & early learning centres
Community facilities
Retail & commercial spaces



Compact service areas



Underground car parks



Warehouses & logistics



Education spaces

COMING SOON

Future solutions in development

Expanding from T8 tubes into practical lighting and energy-management support.



Smart LED tube energy-saving solutions

Project planning, operating-hour analysis and future system-based energy optimisation.



Education lighting solutions

Lighting selected with visual comfort, safety and learning environments in mind.

CONTACT

Let's plan your lighting project

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Lower energy. Less maintenance. Better lighting.