

## Floodlight



ALTLED®

# Lodestar Series

## Specification Sheet

### Product Introduction

Used in the past as a guide to navigators, LODESTAR is a bright, easily found star. As outdoor lighting series have to be, ALT's LODESTAR street light and flood light are beautiful, cost-saving, and with an incredible long life-span. ALT's Lodestar floodlight series is in fact one of the brightest LED in the world, going up to an astonishing lumens of 27500. Integrated with a patented aerospace structural design, and providing consistent light intensity and high performance even in extreme climates, ALT's Lodestar floodlight is ideal for large outdoor areas including external wall, gardens, harbours and sport fields. Furthermore, ALT is proud to announce that it has launched a revolutionary product called LED Grow Light. Also under the Lodestar floodlight series, our Grow Light changes the way we grow plants indoor. By providing much less heat, Lodestar Grow Light consumes less power by delivering the perfect effects that included Red, Green and Blue. This will consequently provide a much more efficient and fast growing.

### Certificates



### Features

- ✓ IP68 waterproof standard.
- ✓ Integration of a patented aerospace structural design ensures optimal cooling.
- ✓ Original high-power LED chips.
- ✓ CRI 80 high-brightness.
- ✓ PFC values up to 0.99 offering a stable voltage output.

### Application

- ✓ Tunnel Lighting.
- ✓ Parking Applications.
- ✓ Canopy Lighting
- ✓ Wash Lighting.



## Specifications

Item	Specification	Details
Output	Beam Angle	15° / 20° / 25° / 30° / 45° / 60° / 90° / 130° / 135° / 120°x 50° / 135°x 50°
	Colour Range	TW / NW / WW
	Lumen Maintenance	50,000 hours ( L70 / B50 )
Electrical	Input Voltage	100 ~ 240V AC
	Power Consumption	285 Watts
Physical	Weight	13.1kg (285 Watts )
	Lens	Optics PMMA
	Operating Temperature	-4° F to 121° F (-20°C to 50°C)
	Humidity	0 – 95%, non-condensing
Certification and Safety	Certifications	CE, RoHs, Laser, ETL
	Environment	Suitable for damp location
	Warranty	3 years
<b>Two Million Worldwide Product Liability Insurance.</b>		

## Optical Characteristics

### Dominant Wavelength (nm) or Colour Temperature (K)

#### CREE LED chips

Correlated Colour Temperature	Min.	Typ.	Max.
True White	5000K	6000K	10000K
Natural White	3700K	4300K	5000K
Warm White	2600K	3000K	3700K

#### OSRAM LED Chips

Correlated Colour Temperature	Min.	Typ.	Max.
True White	5000K	6000K	7000K
Natural White	3500K	4000K	5000K
Warm White	2700K	3000K	3500K

## Lamp Luminous Flux

### 100 ~ 240V AC

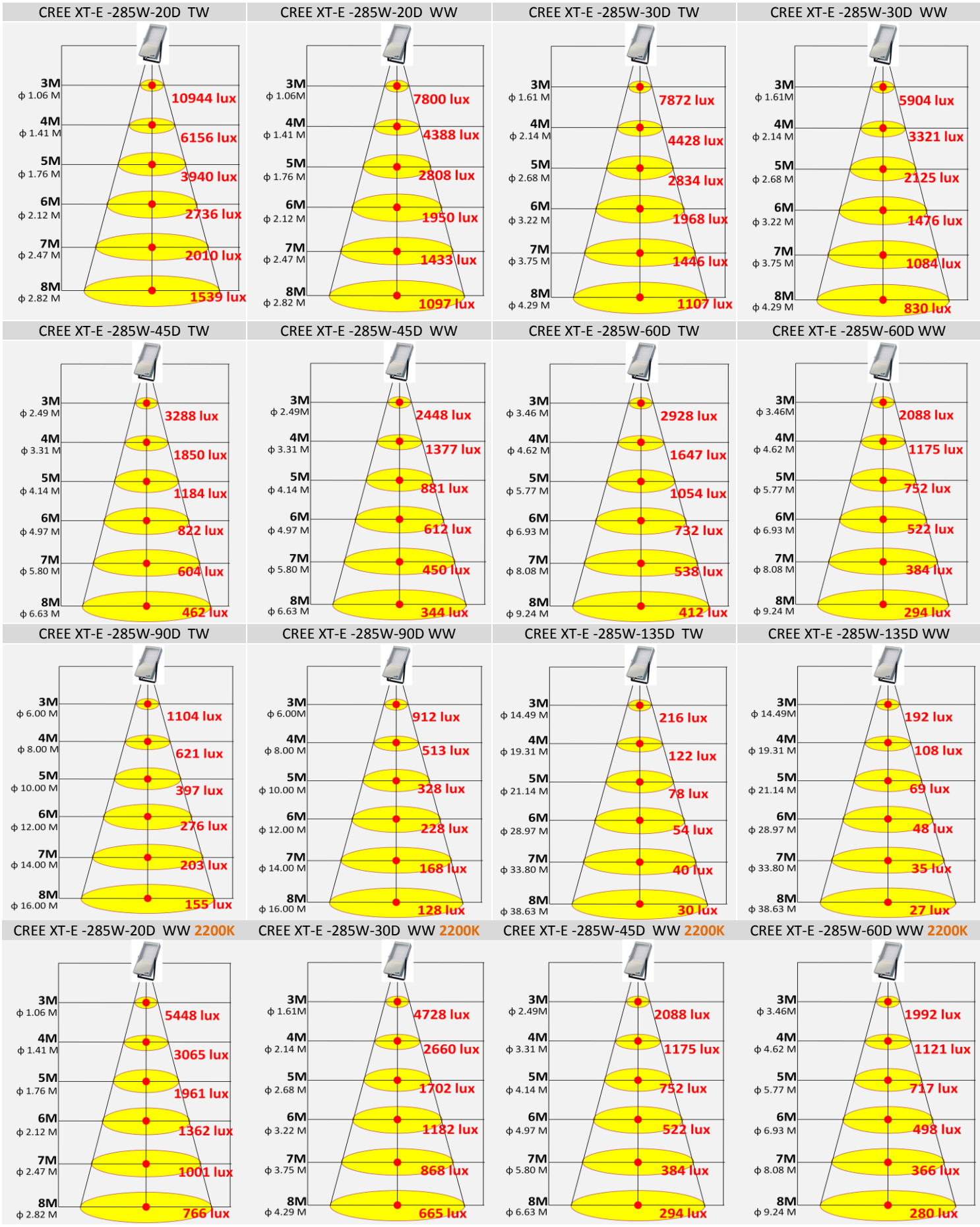
Chipsets	CREE XT-E
Power Consumption	285 W
Beam Angle	20° / 25° / 30° / 45° / 60° / 90° / 130° / 120°x 50° / 135°x 50°
True White	CRI 70 24000 lm
Natural White	CRI 80 21000 lm
Warm White	CRI 80 18000 lm
	CRI 90 16500 lm (2200K) 14400 lm

Chipsets	OSRAM Square
Power Consumption	285 W
Beam Angle	15° / 20° / 25° / 45° / 60° / 90° / 130° / 135° / 120° x 50° / 135°x50°
True White	CRI 70 27000 lm
Natural White	CRI 70 25000 lm
Warm White	CRI 80 22000 lm
	CRI 92 17500 lm

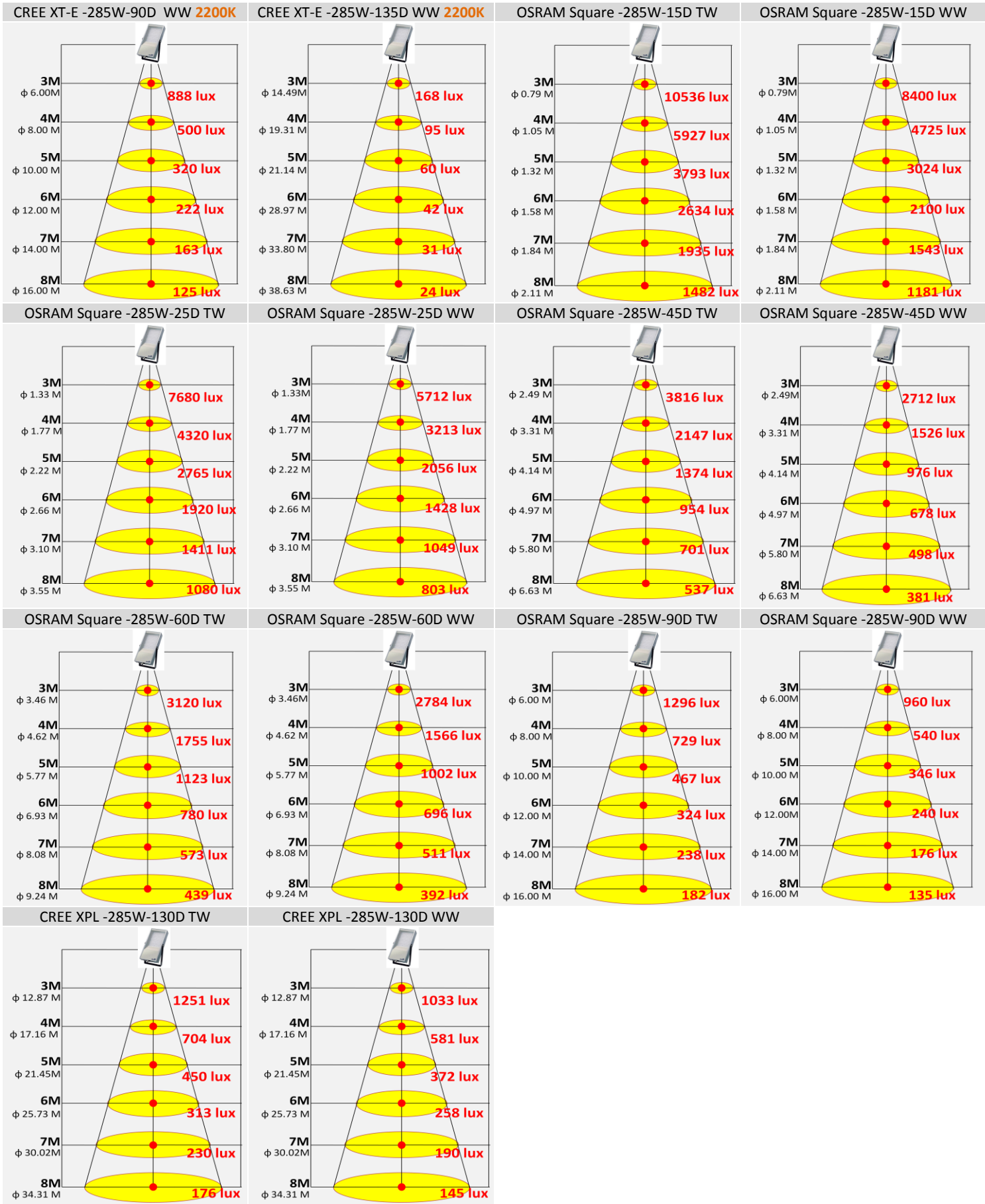
Chipsets	CREE XP-L
Power Consumption	285 W
Beam Angle	30° / 130° / 120°x 50° / 135°x 50°
True White	CRI 65 27500 lm
Natural White	CRI 75 25000 lm
Warm White	CRI 80 22800 lm


※All Lamp Luminous Flux Data are indicated in max values.

## Illuminance at Distance



**Illuminance at Distance**

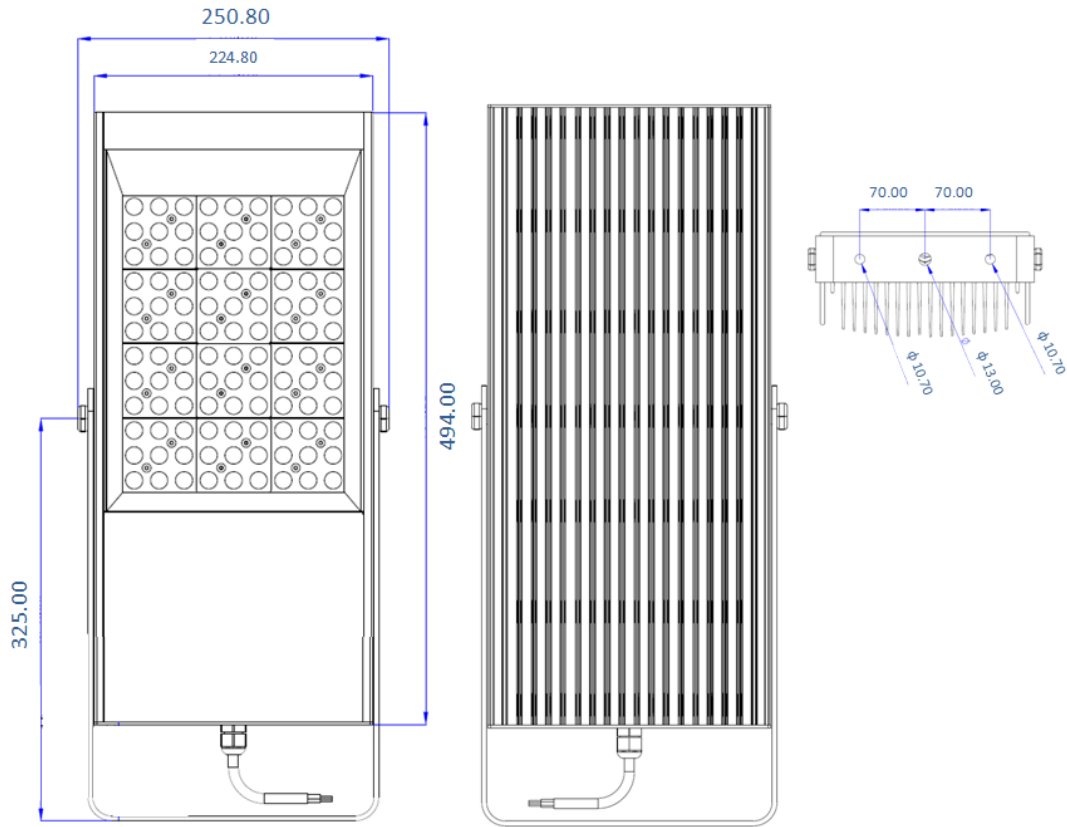


Category	Model Name	Photo
Stainless steel	Stainless steel Stand	
SPD	Surge Protective Device (SPD) 20KV (External / Internal Optional)	
	Surge Protective Device (SPD) 40KV (External)	
Adapter	Waterproof Cable Adapter	

## Mechanical Dimensions

---

# F04t300



Copyright © Aeon Lighting Technology Inc. All rights reserved.

ALT and ALTED are either registered trademarks of Aeon Lighting Technology Inc. in Taiwan and/or other countries. All other brand or products names are trademarks or registered trademarks of their respective owners. Due to continuous improvement and innovations, specifications may change without notice.

Aeon Lighting Technology Inc.  
16F-8., No.2, Jian 8th Rd., Zhonghe Dist.,  
New Taipei City 235, Taiwan (R.O.C.)  
Tel +886-2-8226-1289  
Fax +886-2-8226-9066  
[www.aeonlighting.com](http://www.aeonlighting.com)

