

**Sun™ 240w ~ 400w LED**

*T-plux 18 base*

> integrative, efficient & reliable

**Main features**

Grid voltage 120/230V AC or low voltage 12/24/48V DC

Instant restrike

Market adaptability: suitable both for Europe & North America standard

Lamps: 4 x 60w ~ 4 x 100w LED COB

Efficiency: >100 lm/W

Maximum lumen: 24 000 ~ 40 000 lm

Colour temperature: cool white-6500°K or warm white-3200°K

**Advantages**

**Sun LED 240-400W, 120/230V AC**

- 120 / 230 V AC (alternative current)
- lamps - LED COB

- works on grid power 120V/60Hz in North America or 230V/50Hz rest of the world
- Compact and lightweight
- Quick and easy set-up

**Sun LED 240-400 W 12V/24V/48V DC**

- 12V DC / 24 V DC / 48 V DC (direct current)
- lamps - LED COB

- 12 V works on cigarette lighter (car, truck, quad...) lead-acid or lithium
- 24 V supplied by a construction vehicle battery (truck, road roller...) or rescue vehicle battery (fire truck...)
- 48 V works on portable electric automobile lithium battery
- Compact and lightweight
- Quick and easy set-up



**Market Served**



construction & road work



mining & drilling work



airport or logistical lighting



railway maintenance



port & dock operation



film & TV scene lighting



fire & rescue lighting



stadium auxiliary lighting



general outdoor lighting



police & military lighting



outdoor sports field lighting



camp, safari, adventure sports lighting

### Illuminance Data

		240w 120-230 V AC 240w 12/24/48 V AC	400w 120-230 V AC 400w 24/48 V AC
Lighted area > 1lux / 0.1fc	m <sup>2</sup> / sq.ft.	1,016 / 10,936	1,760 / 18,940
Lighted area > 10 lux / 1fc	m <sup>2</sup> / sq.ft.	254 / 2,734	440 / 4,736
Light under the ballon - 2~2.5m	Lux / Fc	410 / 38	550 / 51
Maximum lumen	lm	24,000	40,000
Color temperature	°K	3000 / 4500 / 6500	3000 / 4500 / 6500

\* supply voltage could be AC or DC as per request. AC works on power grid or a portable generator < 1kVA. DC works on a portable DC power source or lead-acid/lithium battery connected by cigarette lighter, crocodile clip, .customised plug etc.

### Technical Data

	240w 120-230 V AC 240w 12/24V DC,48 V DC	400w 120-230 V AC 400w 24V DC, 48 V DC
Lamps	4 x 60 W LED	4 x 100 W LED
Average lamp life *	30,000 h	
Efficiency	100 lm/W	
Light source type	4 LED COB panels (integrated supply)	
Maximum power	240 W	400 W
Light source type	crocodile clip or customised lithium battery plug - 48 V only	
Power supply	min. 12 V DC max. 48 V DC	min. 24 V DC max. 48 V DC
Restrike time	Instant	
Envelopes options	Tubular or Oval, with or without reflector	
Power supply options	Lead-acid battery, lithium battery, solar panel	

\*Under normal conditions of use

### Safety Data

Flame-retardant rip-stop fabric	for tungsten halogen lamp only
Reflector to improve highlight luminance and avoid light pollution	
Rain and dust proof material	IP54
Lamps protection	integrated anti-vibration structure
Wind resistance of the ballon	60 km/h

### Envelope options

65cm x 38cm / 25.6inch x 15inch

for T-plux 18 base



Model: NTR-18  
Name: tubular relector

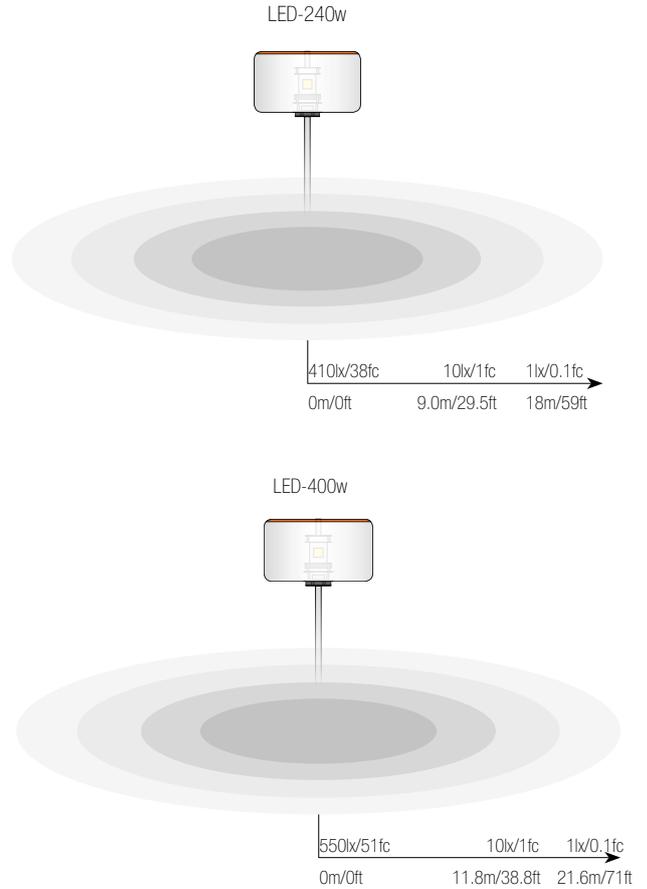


Model: NTC-18  
Name: tubular clear

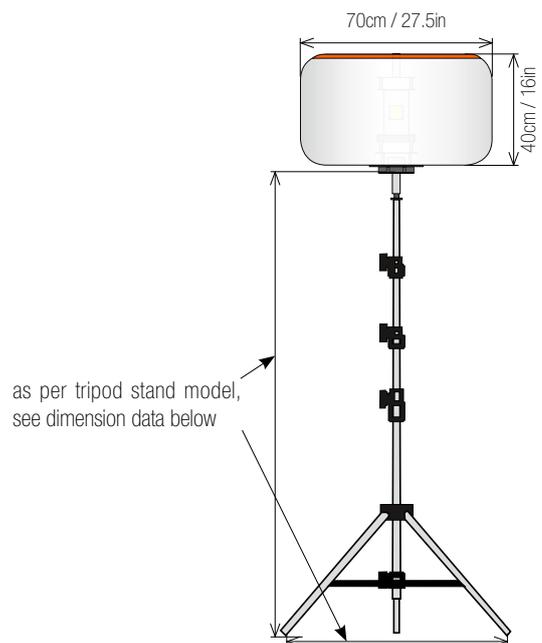


Model: NTRR-18  
Name: tubular reflector reversed

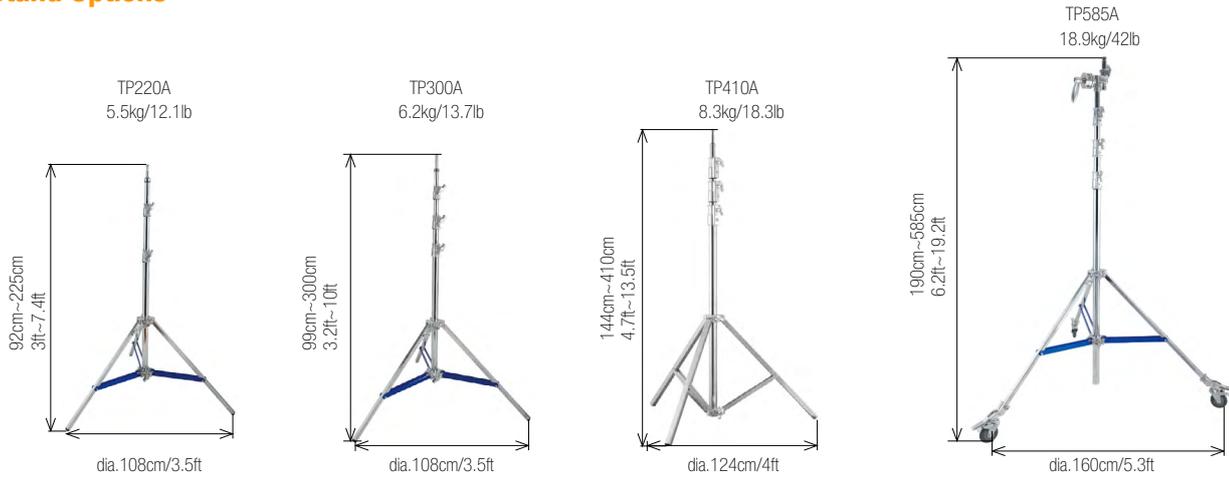
### Lighting Chart



### Working Dimension



## Stand Options



Tripod stand retracted status and length

TP220A - 94cm/3.1ft TP300A - 100cm/3.3ft TP410A - 144cm/4.7ft TP585A - 190cm/6.2ft

More options available at request.

## Packaging Options

### Hicase S4

560 x 350 x 230mm 5.4kg / 11.9lb



color options: black, yellow, dark green

#### DC version:

12V DC - 240 W version only

24V / 48V DC - 240W/400W version

All DC power should be supplied by outside battery or other DC power source.

#### AC version:

100V, 120V, 230V AC version

Integrated dimming available at request.

### Hicase M2

567 x 467 x 274mm 6.4kg / 14.1lb



#### DC version:

12V DC - 240 W version only

24V / 48V DC - 240W/400W version

48V DC version has lithium battery cutout. Cutout could also be customised max. to 510x110x230mm.

#### AC version:

100V, 120V, 230V AC version

AC version normally works on Meanwell LED driver

Dimming control box available at request.

# Sun™ 640w ~ 800w LED

*T-plux 18 base*

> integrative, efficient & reliable

### Main features

Grid voltage 120/230V AC

Instant restrike

Market adaptability: suitable both for Europe & North America standard

Lamps: 8 x 80w ~ 8 x 100w LED COB

Efficiency: >100 lm/W

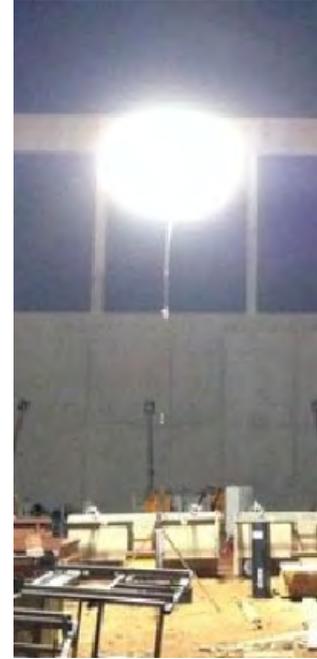
Maximum lumen: 64 000 ~ 80 000 lm

Colour temperature: cool white-6500°K or warm white-3200°K

### Advantages

#### Sun LED 640-800W, 120/230V AC

- 120 / 230 V AC (alternative current)
  - lamps - LED COB
- works on grid power 120V/60Hz in North America or 230V/50Hz rest of the world
  - Compact and lightweight
  - Quick and easy set-up



### Market Served



construction & road work



mining & drilling work



airport or logistical lighting



railway maintenance



port & dock operation



film & TV scene lighting



fire & rescue lighting



stadium auxiliary lighting



general outdoor lighting



police & military lighting



outdoor sports field lighting



camp, safari, adventure sports lighting

### Illuminance Data

		640w 120-230 V AC	800w 120-230 V AC
Lighted area > 1lux / 0.1fc	m <sup>2</sup> / sq.ft.	1,860 / 20,019	2,430 / 24,154
Lighted area > 10 lux / 1fc	m <sup>2</sup> / sq.ft.	620 / 6,673	810 / 8,718
Light under the ballon - 2~2.5m	Lux / Fc	580 / 54	710 / 66
Maximum lumen	lm	70,400	88,000
Color temperature	°K	3000 / 4500 / 6500	3000 / 4500 / 6500

\* supply voltage could be AC or DC as per request. AC works on power grid or a portable generator < 1.5kVA. DC works on a portable power bank or DC-AC convertor on lead-acid/lithium batteries with volume of no less than 1kwh.

### Technical Data

	640w 120-230 V AC	800w 120-230 V AC
Lamps	8 x 80 W LED	8 x 100 W LED
Average lamp life *	30,000 h	
Efficiency	100 lm/W	
Light source type	8 / 10 LED COB panels (integrated supply)	
Maximum power	640 W	800 W
Power supply	mains AC 100~240V 50/60Hz	
Restrike time	Instant	
Envelopes options	Tubular or Oval, with or without reflector	
Power supply options	DC-AC convertor on Lead-acid battery, lithium battery, or portable AC generator	

\*Under normal conditions of use

### Safety Data

Flame-retardant rip-stop fabric	for tungsten halogen lamp only
Reflector to improve highlight luminance and avoid light pollution	
Rain and dust proof material	IP54
Lamps protection	integrated anti-vibration structure
Wind resistance of the balloon	50 km/h

### Envelope options

90cm x 65cm / 35.4inch x 25.6inch

for T-plux 18 base



Model: NTR-18  
Name: tubular relector

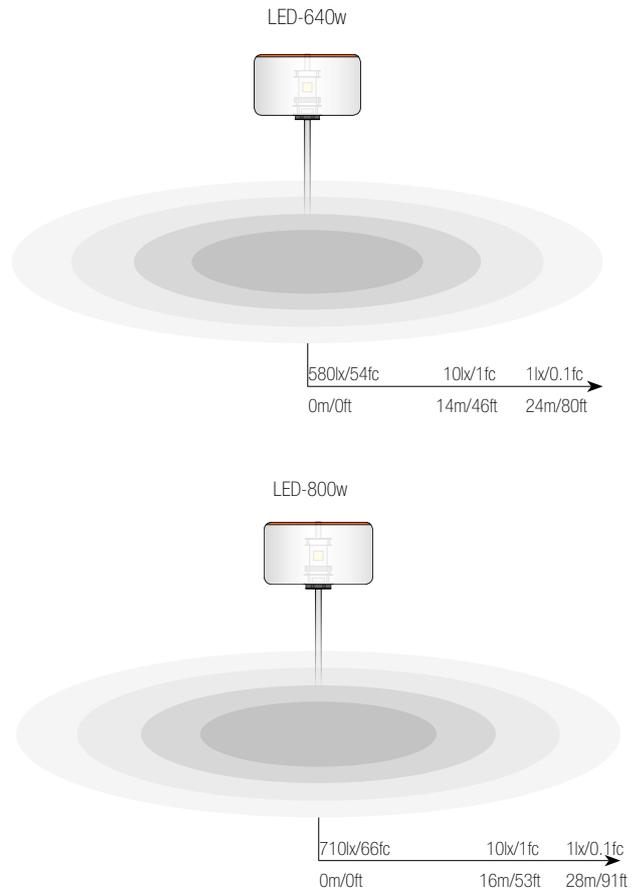


Model: NTC-18  
Name: tubular clear



Model: NTRR-18  
Name: tubular reflector reversed

### Lighting Chart



### Working Dimension

