



# Combining superior high lumen, design & performance

## Tornado High Lumen

Energy saving lamp in spiral shape, with superior performance (long life, high switching) and high lumen warm bright light. Perfectly suitable to be used in places where high lumen is required, and the lamp is directly visible.

### Benefits

- Simple installation – no ballast needed
- Save your money with long life-time
- Perfect energy-saving solution for mercury lamps replacement

### Features

- Long-Life and Energy saving alternative to Incandescent lamps
- Suitable for frequent switching
- Flawless ignition at -10°C and up
- Ambient temperature range to ensure almost constant light output: 0 - 50°C

### Application

- Designed primarily for professional applications (hotels, restaurants, shops), ideally high-bay type indoor applications; not suitable for household room illumination
- Enclosed fixtures required for outdoor applications
- Not suitable for use with dimmers or electronic gear

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## Warnings and Safety

- Breaking a lamp is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a closed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
- Compact fluorescent lamps have to be treated as special waste, they must be taken to your local waste facilities for recycling. The European Lighting Industry has set up an infrastructure, capable of recycling mercury, other metals, glass etc.

## Versions



Tornado High Lumen 45W E27  
Spiral



Philips Lighting (HK) PHILIPS CFLi  
GLIM2015236GLIM2015236



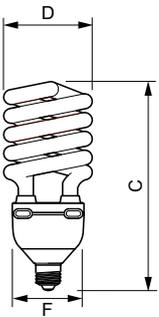
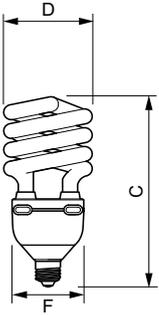
Philips Lighting (HK) PHILIPS CFLi  
GLIM2015238GLIM2015238

## Dimensional drawing

Product	C (max)	F (max)	D (max)
Tornado High Lumen 75W CDL E40 1CT/6	293 mm	88.1 mm	102 mm
Tornado High Lumen 75W WW E40 1CT/6	293 mm	88.1 mm	102 mm

# Tornado High Lumen

## Dimensional drawing



Product	C (max)	F (max)	D (max)
Tornado High Lumen 45W WW E27 1CT/6	244 mm	88.1 mm	102 mm

Product	C (max)	F (max)	D (max)
Tornado High Lumen 60W CDL E27 1CT/6	262 mm	88.1 mm	102 mm
Tornado High Lumen 60W WW E27 1CT/6	262 mm	88.1 mm	102 mm

### General Information

Rated Lifetime (Hours)	10,000 hour(s)
Switching Cycle	10,000
Nominal lifetime	10,000 hour(s)

### Light Technical

Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	60 %

### Operating and Electrical

Input Frequency	50 or 60 Hz
Line Frequency	50 or 60 Hz
Voltage (Nom)	220-240 V
Starting Time (Nom)	1.5 s

### Controls and Dimming

Dimmable	No
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### Mechanical and Housing

Bulb Shape	Spiral
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### General Information

Order Code	Full Product Name	Cap-Base
929676005701	Tornado High Lumen 45W WW E27 1CT/6	E27
929676006001	Tornado High Lumen 60W WW E27 1CT/6	E27
929676006201	Tornado High Lumen 60W CDL E27 1CT/6	E27
929676006301	Tornado High Lumen 75W WW E40 1CT/6	E40
929676006501	Tornado High Lumen 75W CDL E40 1CT/6	E40

## Light Technical (1/2)

## Tornado High Lumen

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Designation	Correlated Color Temperature (Nom)
929676005701	Tornado High Lumen 45W WW E27 1CT/6	463	420	Warm White (WW)	2700 K
929676006001	Tornado High Lumen 60W WW E27 1CT/6	463	420	Warm White (WW)	2700 K
929676006201	Tornado High Lumen 60W CDL E27 1CT/6	313	337	Cool Daylight	6500 K

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Designation	Correlated Color Temperature (Nom)
929676006301	Tornado High Lumen 75W WW E40 1CT/6	463	420	Warm White (WW)	2700 K
929676006501	Tornado High Lumen 75W CDL E40 1CT/6	313	337	Cool Daylight	6500 K

### Light Technical (2/2)

Order Code	Full Product Name	Color Code	Luminous Efficacy (rated) (Nom)	Luminous Flux
929676005701	Tornado High Lumen 45W WW E27 1CT/6	827	68.38 lm/W	3,080 lm
929676006001	Tornado High Lumen 60W WW E27 1CT/6	827	71.63 lm/W	4,300 lm
929676006201	Tornado High Lumen 60W CDL E27 1CT/6	865	71.63 lm/W	4,300 lm

Order Code	Full Product Name	Color Code	Luminous Efficacy (rated) (Nom)	Luminous Flux
929676006301	Tornado High Lumen 75W WW E40 1CT/6	827	73.96 lm/W	5,550 lm
929676006501	Tornado High Lumen 75W CDL E40 1CT/6	865	73.96 lm/W	5,550 lm

### Operating and Electrical

Order Code	Full Product Name	Warm-up time to 60% light	Lamp Current (Nom)	Power Consumption
929676005701	Tornado High Lumen 45W WW E27 1CT/6	-	190 mA	45.0 W
929676006001	Tornado High Lumen 60W WW E27 1CT/6	10-60 s	270 mA	60.0 W
929676006201	Tornado High Lumen 60W CDL E27 1CT/6	-	270 mA	60.0 W

Order Code	Full Product Name	Warm-up time to 60% light	Lamp Current (Nom)	Power Consumption
929676006301	Tornado High Lumen 75W WW E40 1CT/6	-	350 mA	75.0 W
929676006501	Tornado High Lumen 75W CDL E40 1CT/6	-	350 mA	75.0 W

### Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)
929676005701	Tornado High Lumen 45W WW E27 1CT/6	45 kWh	3.5 mg
929676006001	Tornado High Lumen 60W WW E27 1CT/6	60 kWh	5 mg
929676006201	Tornado High Lumen 60W CDL E27 1CT/6	60 kWh	5 mg

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)
929676006301	Tornado High Lumen 75W WW E40 1CT/6	75 kWh	5 mg
929676006501	Tornado High Lumen 75W CDL E40 1CT/6	75 kWh	5 mg

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