



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

Tornado High Lumen

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

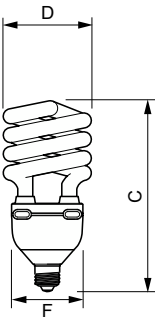


Tornado High Lumen 45W E27
Spiral



Philips Lighting (HK) PHILIPS CFLi
GLIM2015236GLIM2015236

Dimensional drawing

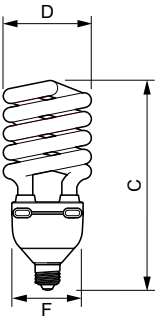


Product	C (max)	F (max)	D (max)
Tornado High Lumen 75W CDL E40 1CT/6	293 mm	88.1 mm	102 mm
Tornado High Lumen 75W WW E40 1CT/6	293 mm	88.1 mm	102 mm

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

Tornado High Lumen

Dimensional drawing



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
Mechanical and Housing	
Bulb Shape	Spiral

General Information

Order Code	Full Product Name	Cap-Base
80822300	Tornado High Lumen 45W WW E27 1CT/6	E27
80824700	Tornado High Lumen 60W WW E27 1CT/6	E27
80721900	Tornado High Lumen 60W CDL E27 1CT/6	E27
80832200	Tornado High Lumen 75W WW E40 1CT/6	E40
80723300	Tornado High Lumen 75W CDL E40 1CT/6	E40

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity		Color Designation	Correlated Color Temperature (Nom)
		Coordinate X (Nom)	Coordinate Y (Nom)		
80822300	Tornado High Lumen 45W WW E27 1CT/6	463	420	Warm White (WW)	2700 K
80824700	Tornado High Lumen 60W WW E27 1CT/6	463	420	Warm White (WW)	2700 K
80721900	Tornado High Lumen 60W CDL E27 1CT/6	313	337	Cool Daylight	6500 K

Order Code	Full Product Name	Chromaticity		Color Designation	Correlated Color Temperature (Nom)
		Coordinate X (Nom)	Coordinate Y (Nom)		
80832200	Tornado High Lumen 75W WW E40 1CT/6	463	420	Warm White (WW)	2700 K
80723300	Tornado High Lumen 75W CDL E40 1CT/6	313	337	Cool Daylight	6500 K

Tornado High Lumen

Light Technical (2/2)

Order Code	Full Product Name	Color	Luminous Efficacy	
		Code	(rated) (Nom)	Luminous Flux
80822300	Tornado High Lumen 45W WW E27 1CT/6	827	68.38 lm/W	3,080 lm
80824700	Tornado High Lumen 60W WW E27 1CT/6	827	71.63 lm/W	4,300 lm
80721900	Tornado High Lumen 60W CDL E27 1CT/6	865	71.63 lm/W	4,300 lm

Order Code	Full Product Name	Color	Luminous Efficacy	
		Code	(rated) (Nom)	Luminous Flux
80832200	Tornado High Lumen 75W WW E40 1CT/6	827	73.96 lm/W	5,550 lm
80723300	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	Lamp	Power
		time to 60% light	Current (Nom)	
80822300	Tornado High Lumen 45W WW E27 1CT/6	-	190 mA	45.0 W
80824700	Tornado High Lumen 60W WW E27 1CT/6	10-60 s s	270 mA	60.0 W
80721900	Tornado High Lumen 60W CDL E27 1CT/6	-	270 mA	60.0 W

Order Code	Full Product Name	Warm-up	Lamp	Power
		time to 60% light	Current (Nom)	
80832200	Tornado High Lumen 75W WW E40 1CT/6	-	350 mA	75.0 W
80723300	Tornado High Lumen 75W CDL E40 1CT/6	-	350 mA	75.0 W

Approval and Application

Order Code	Full Product Name	Energy Consumption	Mercury (Hg)
		kWh/1000 h	Content (Max)
80822300	Tornado High Lumen 45W WW E27 1CT/6	45 kWh	3.5 mg
80824700	Tornado High Lumen 60W WW E27 1CT/6	60 kWh	5 mg
80721900	Tornado High Lumen 60W CDL E27 1CT/6	60 kWh	5 mg

Order Code	Full Product Name	Energy Consumption	Mercury (Hg)
		kWh/1000 h	Content (Max)
80832200	Tornado High Lumen 75W WW E40 1CT/6	75 kWh	5 mg
80723300	Tornado High Lumen 75W CDL E40 1CT/6	75 kWh	5 mg

