

# TORNADO 2

 Led Lighting Solutions Provider

 **EDEN**  
illumination

Equal to 250 Watt Metal Halide



## Benefits

- The three key benefits of LEDs,
- Efficiency, Lifetime, and Safety,
- Maintenance free operation
- Energy efficient
- Long life 50,000 Hrs +
- Reliability
- Mercury reduction (compared to Fluorescent)  
(41.67mg)

**RoHS**  
Compliant

## Features

Lumen Output	1450-2400 Lumens
Input Power	220 to 240 Volts ac
Efficacy	80 lm/W C/W
Color Temperature (CCT) C/W	6000K to 7000K W/W 2800K to 3300k
Color Rendering Index (CRI)	80
Beam Spread	60- 80 Degs 120 - 150 Degs
Rated Life	50,000 Hrs
LEDs	1 x 20-30 Watt High Power Led
Housing Die Casting Aluminum, 5mm High Strengthen Clear Glass	
Mounting Options	Surface
Dimensions	225mm x 185mm
Voltage	85-220 Volts ac
Warranty	3 Years
Environment	IP65
Approvals	CE Approved and ROHS Compliant
PIR	Dawn toO Dusk Available on request

CO2 Reduction (Based on 50kg Hour) 1258kg

## Applications

- Floodlighting
- Security Lighting
- Landscape Lighting
- Retail, corporate, public, residential

Tornado 2

The Fountain Business Park Ellis Street Coatbridge ML5 3AA  
Phone: 07540 479985 Email:sales@edenillumination.com

The Studio 55 Castle Terrace Leven Fife KY8 5EU  
Phone: 07905 565604 Email: sales@edenillumination.com

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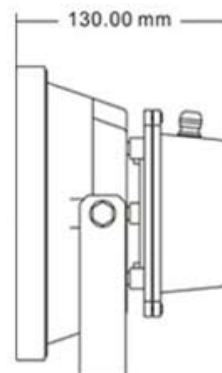
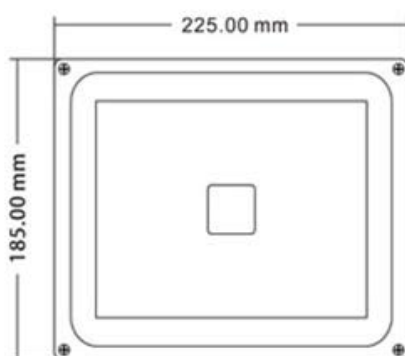
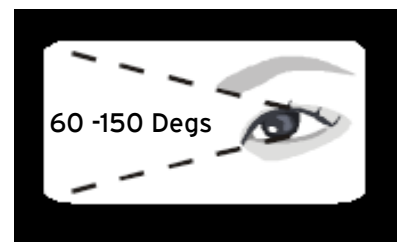
## Weights & Thermal Data

Lamp Type	Weight (kg)	Minimum Operating Temp (-20°C)	Maximum Ambient Temp (+40°C)
LED	2.45Kgs		

Description	Lumen Output	
Tornado 20W-A	CW 1500-1600 Lumen	WW 1450-1500 Lumen
Tornado 30W-A	CW 1500-1600 Lumen	WW 1450-1500 Lumen
Tornado 20W-B	CW 2300-2400 Lumen	WW 2250-2300 Lumen
Tornado 30W-B	CW 2300-2400 Lumen	CW 2250-2300 Lumen

## PIR DUSK-DAWN

- Automatically Turns Lights On At Dusk & Off At Dawn For 240-277V Rated Fixtures
- Works With LED,
- Nothing To Adjust, Nothing To Set. Activates With Natural Sunlight
- Rugged Design, UL Tested for Minimum 6,000 Cycles (16.4 Years Daily On/Off) At 2000W Tungsten & 2000VA Ballast Loads At 277V
- Saves Energy, LED Life, Electricity And Money By Automatically Reducing Daily Operating Hours
- Discourages Intruders By Automatically Lighting Grounds At Night Time
- Impact Resistant Ultra Compact Size Fits In Tight Spaces



## Available Light Output Colours



## Order Details

Description Code	Wattage				Beam Angle		LED Colour Option						
	20wA	30wA	20wB	30wB	60 - 80	120 - 150	CW	WW	R	G	B	Y	
Tornado 2													
ED10-TOR-2-20W-A													
ED10-TOR-2-30W-A		*			*		*						
ED10-TOR-2-20W-B													
ED10-TOR-2-30W-B													

**Example Order(\*) ED10-TOR-2-30W-A-80-CW**

We reserve the right to make changes at any time in order to maintain the highest product quality.

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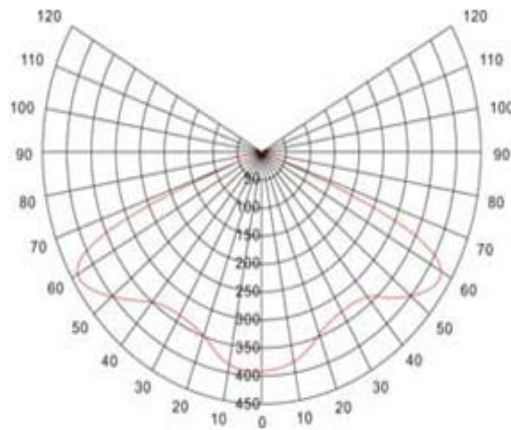
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TORNADO-2 REV-A SEP-2009

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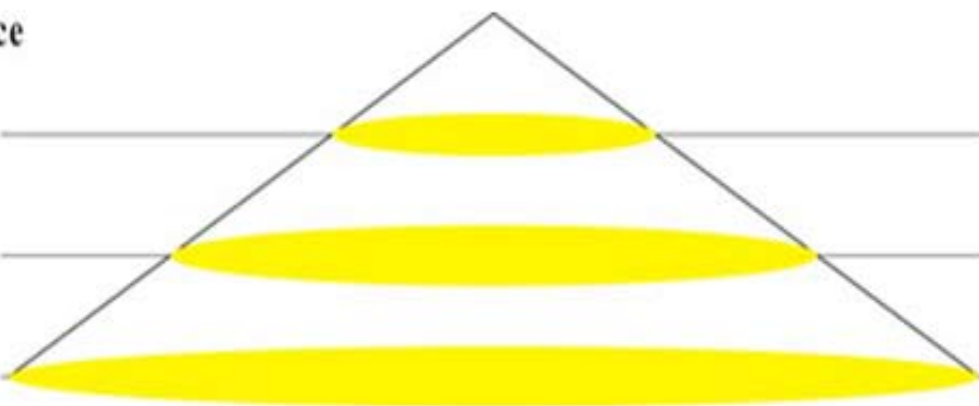


**Distance**

1m

2m

3m

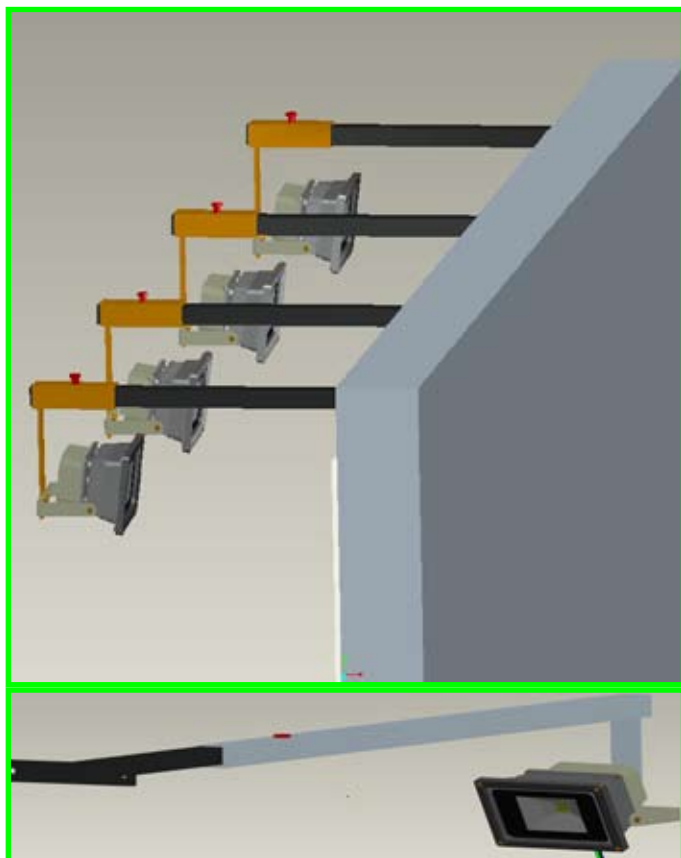


**Illuminance**

Center: 1121Lux  
Fringe: 560Lux

Center: 356Lux  
Fringe: 146Lux

Center: 180Lux  
Fringe: 98Lux



Extendable wall brackets available on request  
Manufactured to your requirements.

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