



next generation led

info@nextgenerationled.be  
www.nextgenerationled.be  
Tel + 32 53 71 09 42

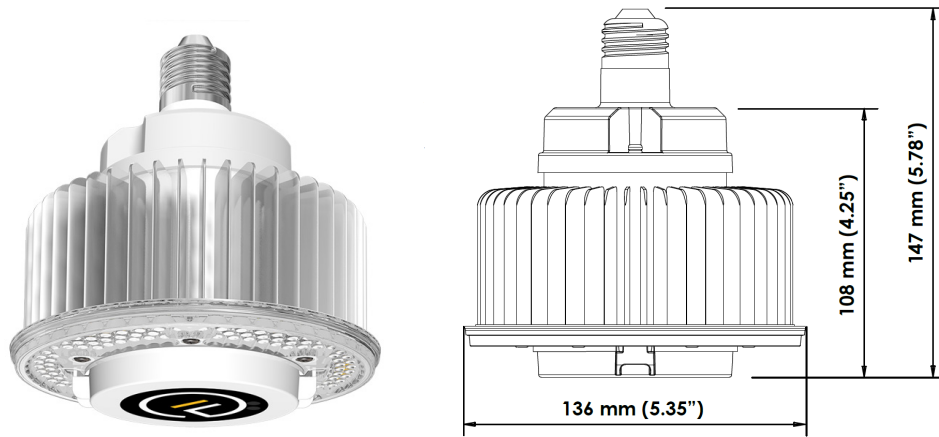
# Valto 150E/250

## Properties

- Lifespan L70 %: > 50.000 hours
- No Flickering - reduces eye strain
- Energy savings up to 80% over conventional fluorescent light sources
- Self metering and over temperature protection
- Superior cut-off (50°) to eliminate glare
- Uniform illumination and even light levels across floor
- Mounting: E27
- Anodized solid aluminum body
- Warranty: 5 years

## Application

Recessed can soffits and low bays such as retail, houses of worship, manufacturing, warehouses or parking garages, ...



### Certifications



- Suitable for damp and dry locations
- Bluetooth controls optional
- Retro-fit
- Compatible with most ballast types
- Fanless for high reliability & efficiency

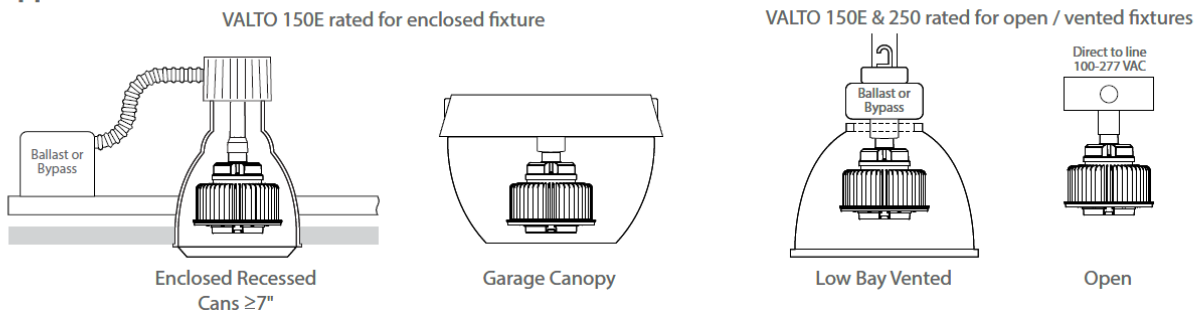
## Specifications

Valto	150	250
Power	28W	45W
Input voltage	90 ~ 305 VAC 50/60Hz OR magnetic ballast compatible	
Color temperature	4000 K and 5000 K	
Color rendering index	CRI ≥ 80	
Powerfactor (Pf)	> 0.9	
Beam angle	90°	
Ambient Temperature (°C)*	40°(enclosed)~65°(open fixture)	40°(open fixture)
Luminous intensity	4000lm	7000lm
Lumens / Watt	142	155
Dimming	Tri-level	
Weight	0.6kg	

\* Above these ambient temperatures, the electronic driver will proportionally dim down the light to reduce heat and maintain temperature to an acceptable level

Updated: July 2019

### Applications



### Certifications

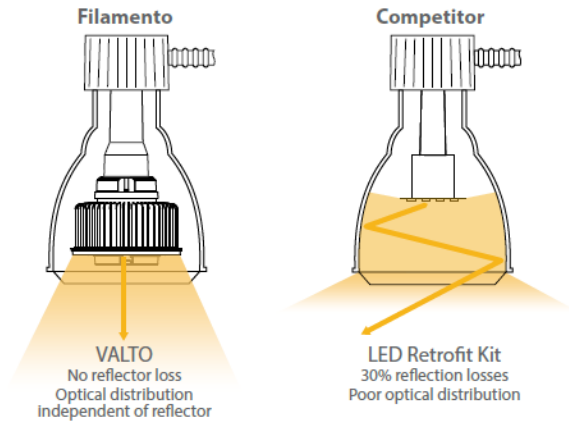
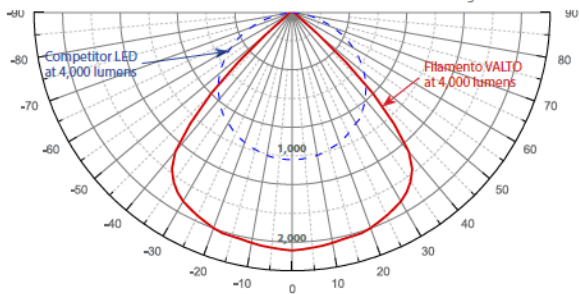
- UL damp listed for 100-277 VAC and for UL 1598C for ballast bypass
- UL enclosed fixture rated for VALTO 150E
- CB, CE, ENEC, REACH, ROHS, GS
- Energy Star in process



# Specifications

## Photometry

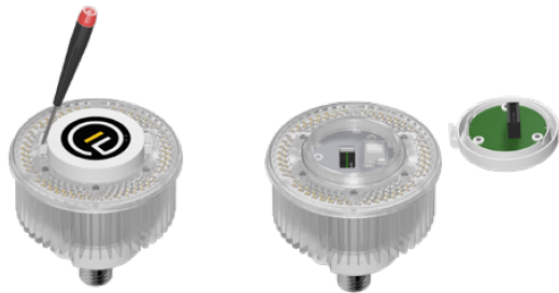
- No external reflector needed, thus no reflector loss factor
- 50° glare cutoff with  $UGR_{ave} < 15$
- Optical distribution with high uniformity  $E_{Min/Avg} > 0.75$   $SC=0.5$  to  $1.5$



## Field Upgradable Control Module

### Control Module Options

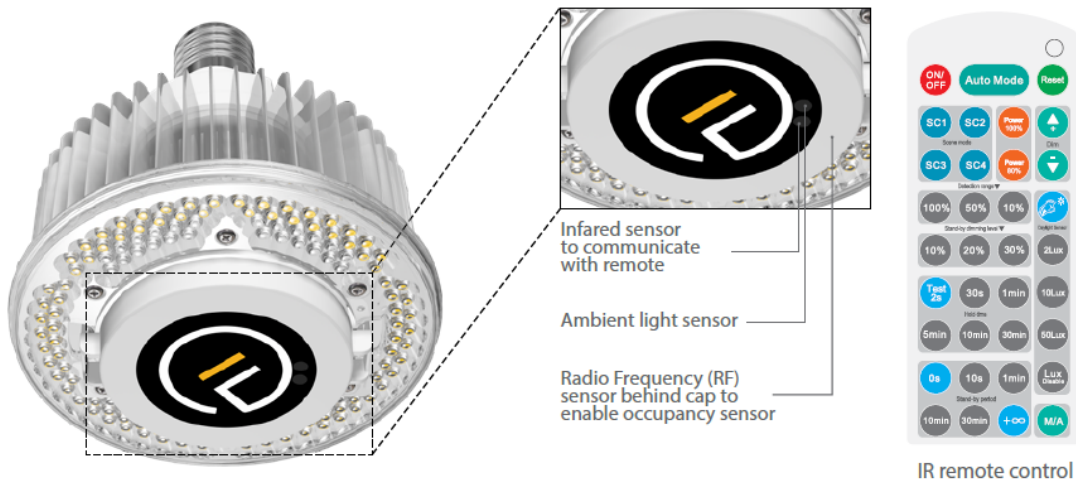
- Bluetooth wireless
- Occupancy and daylight



The front cap can be easily removed in the field and upgraded to a variety of control modules.

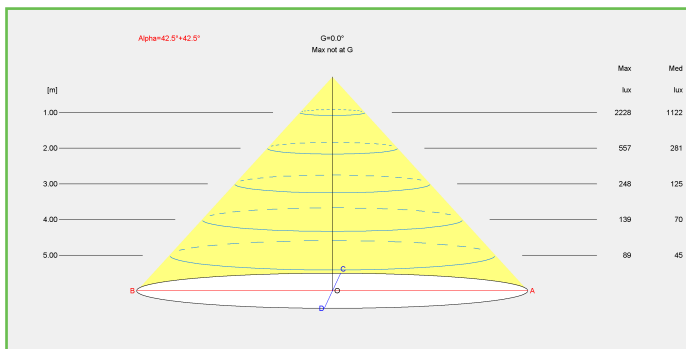
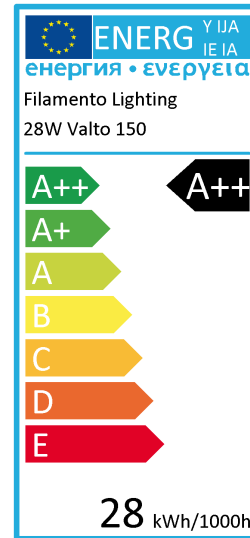
## Controls: Occupancy and Daylight Available Q3/2019

- RF occupancy sensitive to at least 50 feet (15 meters)
- Daylight sensor
- Tri-level dimming
- Each sensor controls its own light
- Four preset scenes for easy programming
- NOT compatible with Operation with Ballast



## ENERGYLABEL

Electrical appliances carry an energy label. This label prints the so-called energy efficiency score in classes. These classes range from 'very energy efficient' (A++) to 'very waste of energy' (E). A more expensive new device may eventually turn out to be cheaper if the energy score is good. IPEA is the new system for luminaire energy efficiency assessment.

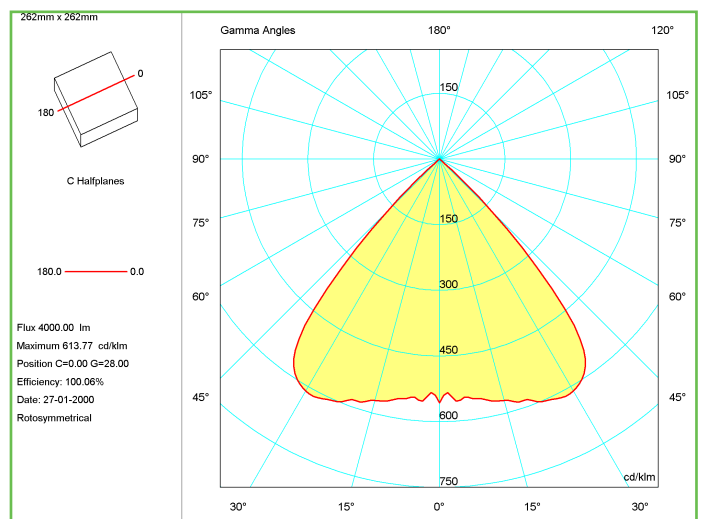


## BEAM

The Illuminance Cone Diagram indicates the maximum illuminance at different distances from the fixture.

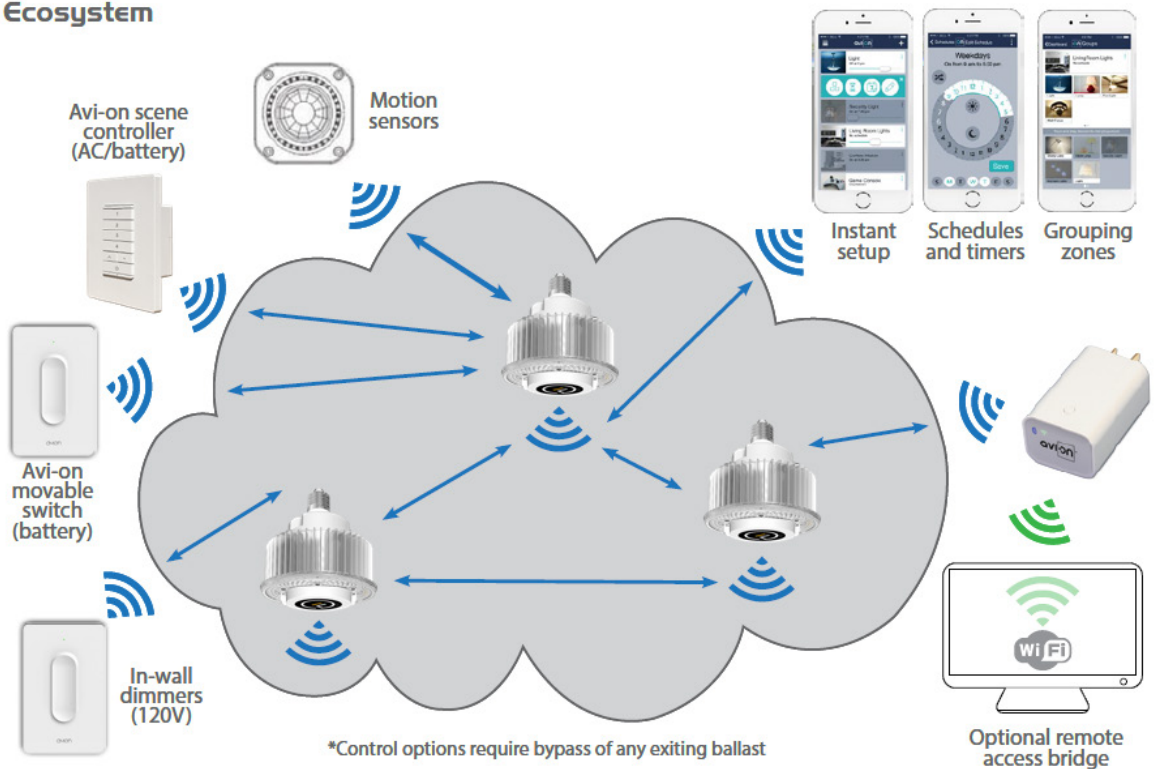
## POLAR DIAGRAM

The polar luminous intensity graph illustrates the distribution of luminous intensity, in candelas, for the transverse (solid line) and axial (dashed line) planes of the luminaire. The shown curve provides a visual guide to the type of distribution expected from the luminaire e.g. wide, narrow, direct, indirect... in addition to intensity.

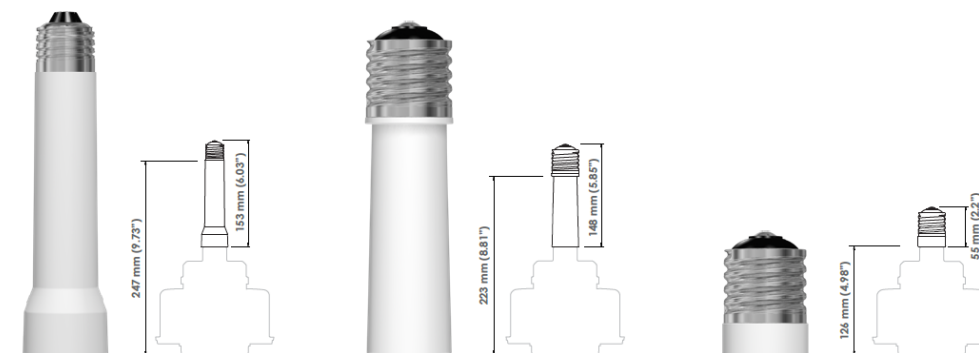


REFERENCE	WATT	COLOR	BEAM
180-0368	28W	4000K	90°
180-0369	28W	5000K	90°
180-0370	45W	4000K	90°
180-0371	45W	5000K	90°

## Product Ecosystem



## Socket Extenders/Adapters



E26 to E26 Long  
or  
E27 to E27 Long

E39 to E26 Long  
or  
E40 to E27 Long

E39 to E26 Short  
or  
E40 to E27 Short

CATEGORY	Description	Product Code	Part #
E27 / E40	Socket Adapter E40->E27 Short	03942	SAD-E40-E27-SHT
	Socket Adapter E27->E27 Long	03943	SAD-E27-E27-150
	Socket Adapter E40-E27 Long	03944	SAD-E40-E27-150