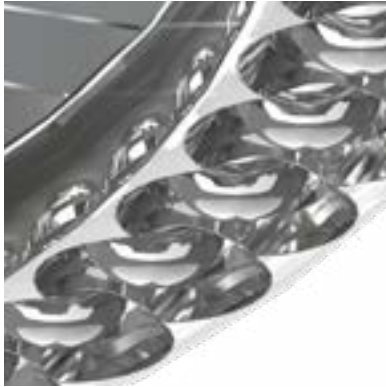


**Advanced LED
High Bay/Low Bay
Luminaires**



Seeing is Believing



HID Retrofit

- VALTO 400 Hybrid
- Retrofit into HID Ballast
- Convention space
- Lodge of Four Seasons, Osage Beach, MO



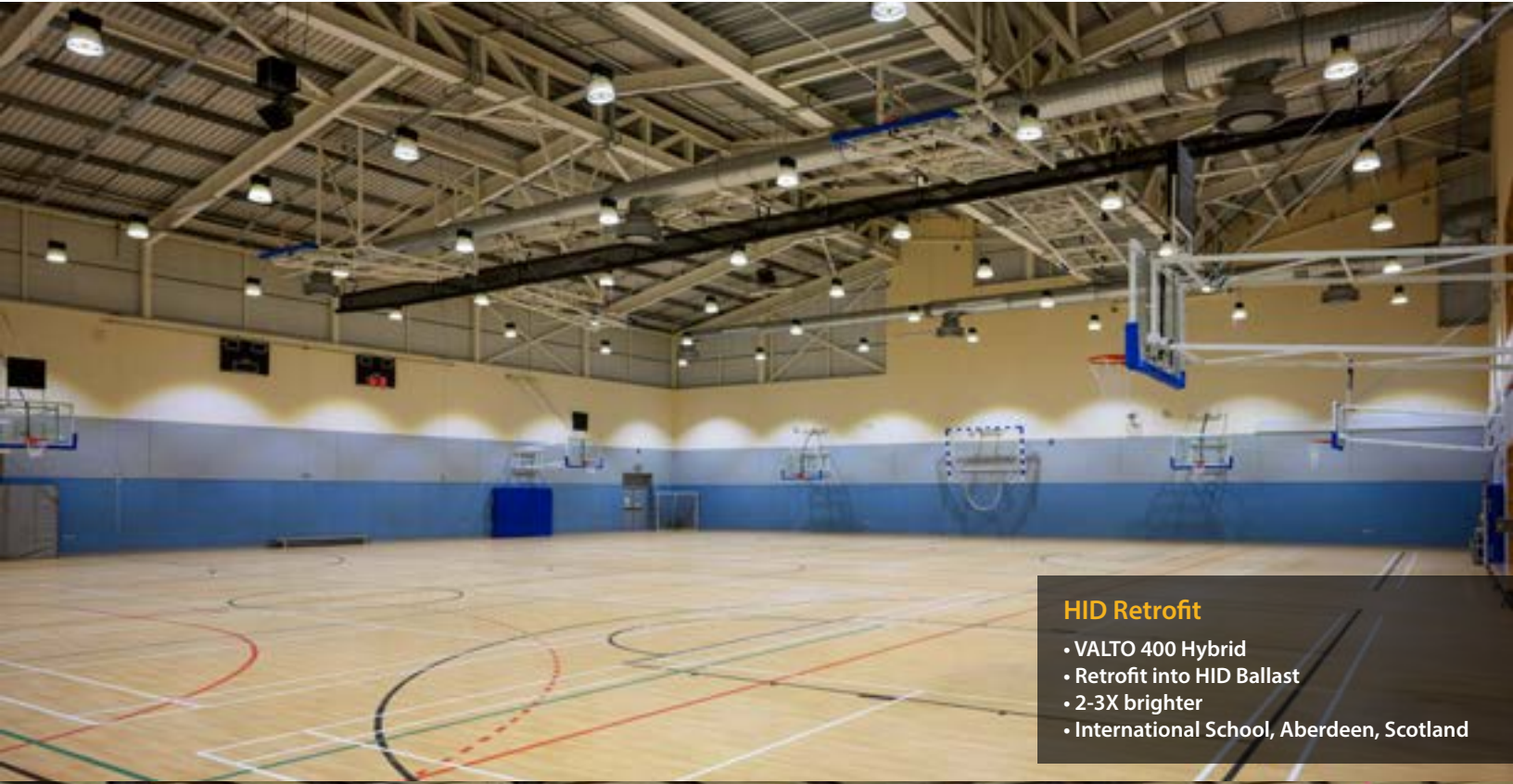
Specification / Wireless Controls

- VALTO 400 LS
- Bluetooth Controls, Ballast Bypass
- Retrofit into recessed HID can
- Las Vegas, NV

See for yourself. Filamento lighting products have been used in a wide variety of installations worldwide including US, Europe and Asia — for HID retrofit and new construction specification. The Filamento difference is clear!



[Web Link](#)



HID Retrofit

- VALTO 400 Hybrid
- Retrofit into HID Ballast
- 2-3X brighter
- International School, Aberdeen, Scotland



Dedicated Fixture

- VALTO 600 Fixture + Controls
- 200,000 sq. ft. Warehouse
- Occupancy and daylight sensors
- Morgan Fabrics, Shannon, MS

No Glare / High Optical Efficiency

VALTO Luminaire defines a new category in LED lighting by surpassing the historic limitations of lamps and fixtures by combining flexibility with a quantum leap in performance. Filamento's patent-pending integral optics eliminate glare to a very low $UGR_{AVE} < 15$ while producing a highly-optimized optical distribution that increases lumen on target efficiency by 35%.



[Web Link](#)



VALTO:
No glare

Competition:
High Glare

2-3x Brighter
665 lux/62 fc

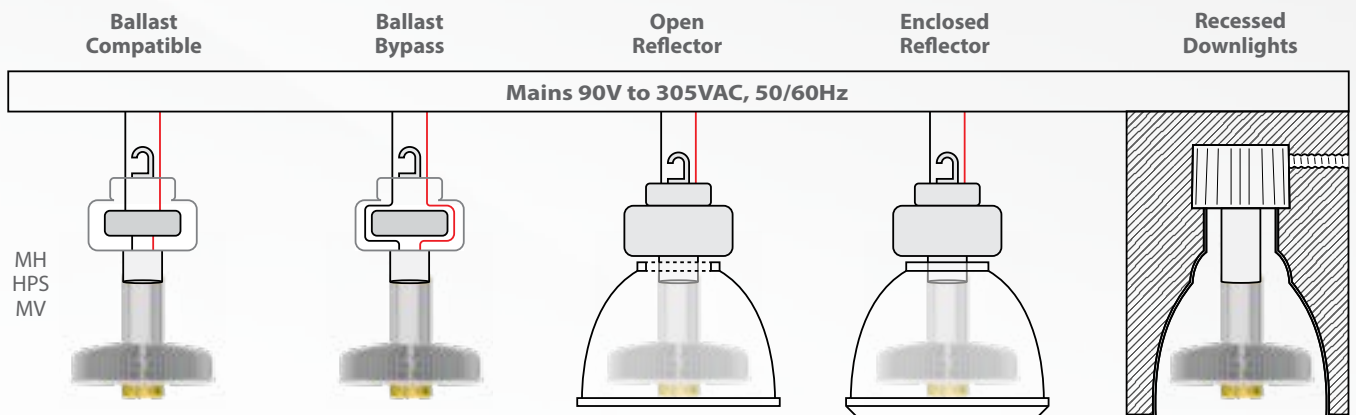
Dark
265 lux/25 fc

Performance and Versatility

This highly versatile design is simultaneously ballast compatible (Type A) and line voltage 100-277 VAC compatible (Type B). The driver is capable to operate with any magnetic ballast worldwide including metal halide, high pressure sodium, mercury vapor, pulse start, probe start, CWA and reactive. The patented heatsink enables ultralight weight while achieving 40% higher thermal efficiency. This enables VALTO 150E and 400E to operate in totally enclosed fixtures.



[Web Link](#)



Integrated Controls



[Web Link](#)

Dimming Controls



DC Power Adjuster

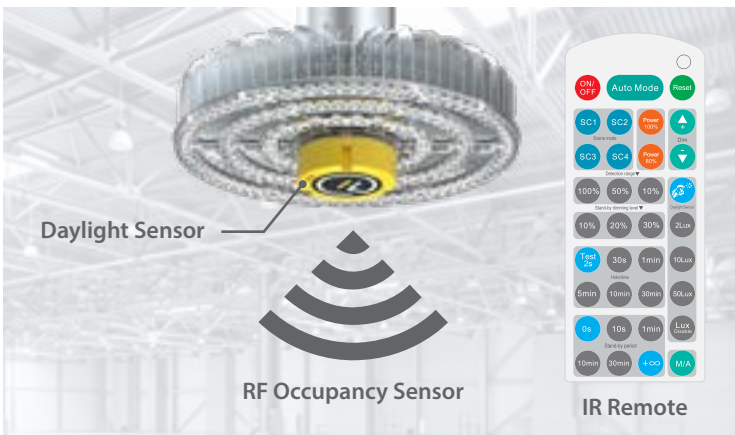
- Adjusts output to 50% or 70%
- Allows end user to dim VALTO in the field



0-10v Controls

- Compatible with traditional dimmers
- Dimmable to 5% then to off

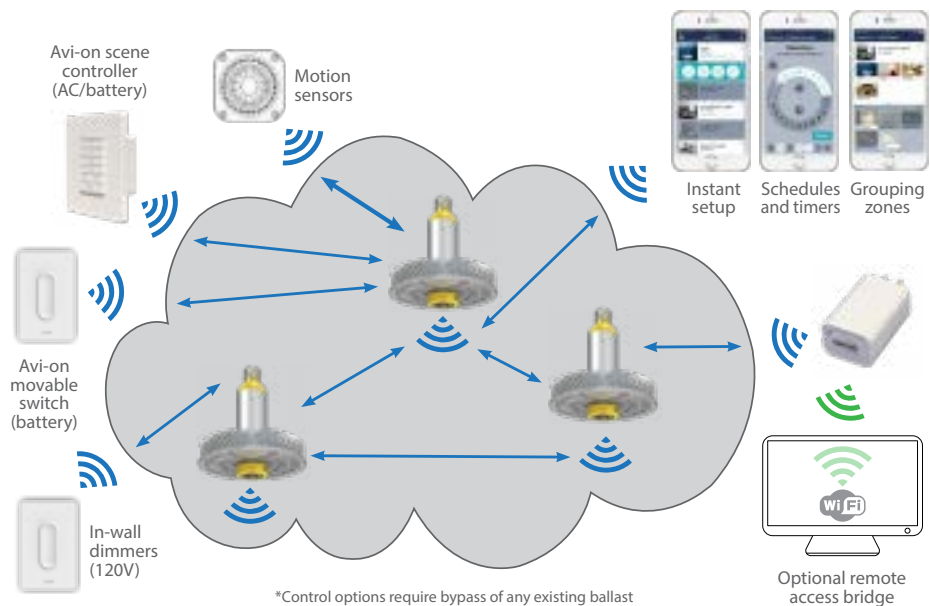
RF Occupancy and Daylight Sensor Option



- Detects motion up to 49 feet away with RF technology
- Daylight sensor keeps luminaire off even when motion is detected
- Custom design your lighting program with IR controller

Bluetooth® Mesh Wireless Control Options

- Self-managed through a simple smartphone application
- Stand-alone system, eliminating integration and cybersecurity concerns
- Gateway-free mesh architecture
- No single point of failure or scaling challenges



In partnership with



Simple Bluetooth® Controls



VALTO Hybrid 150E/250

VALTO Hybrid 400E/600

Hybrid Light Source

VALTO Series Hybrid LED Light Source outperforms most LED fixtures while providing the convenience of a socket. It is capable of being operated almost anywhere from all types of magnetic ballast, ballast bypass, with option of operating in fully enclosed fixture and to a high ambient temperature of 65°C. Unscrew the existing lamp and screw in this light source. It eliminates labor intensive retrofit kits or unreliable fans.

- Type A: HID Magnetic Ballast Compatible
- Type B: 100-277VAC
- 100-600W HID equivalent
- 4,000 - 20,000 Lumens
- No glare $UGR_{AVE} < 15$
- Uplight option
- Controls option at line voltage 100-277VAC
- GSA Listed / Assembled in USA option

Applications Include

- High Bay, Low Bay
- Garage canopy, soffits, recessed cans, warehouse, manufacturing,
- Convention centers, gyms, etc.

Parameter	VALTO Hybrid Light Source Models			
	150E	250	400E	600
Lumens	4,000	7,000	15,000	20,000
Power	28W	45W	105W	150W
Enclosed Fixture	Yes	No	Yes	No



[Web Link](#)



VALTO Luminaire 400E/600

Luminaire

VALTO's Luminaire exceeds the historic limitations of LED fixtures. First, optics with low glare continue to be an Achilles heel of even high-end fixtures. Filamento's patent-pending integral optics eliminate glare to a very low $UGR_{AVE} < 15$ while producing a highly-optimized optical distribution that increases lumen on target efficiency by 35%.

- 15,000 - 20,000 Lumens
- No glare $UGR_{AVE} < 15$
- 100-277VAC
- DLC Premium
- Uplight option
- Controls option at line voltage 100-277VAC
- GSA Listed / Assembled in USA option

Applications Include

- High Bay, Low Bay
- Warehouse, manufacturing,
- Convention centers, gyms, etc.

Parameter	VALTO Hybrid Light Source Models	
	400E	600
Lumens	15,000	20,000
Power	105W	150W
Enclosed Fixture	Yes	No



[Web Link](#)

Modular Luminaire

VALTO Modular Luminaire combines the flexibility of the VALTO 400E/600 Light Source with ability to mount in specification or new construction applications. It defines a new category in LED lighting by surpassing the historic limitations of lamps and fixtures by combining flexibility with a quantum leap in performance. It provides unprecedented modularity with a range of field-upgradeable options, including the LED unit, optical accessories, mounting options and controls.

- Low maintenance and upgradeable LED Light Source
- Integrated wired or wireless controls
- Cosmetic reflector option
- 100-277VAC
- 15,000 - 20,000 Lumens
- No glare $UGR_{AVE} < 15$
- DLC Certified
- Controls option at line voltage 100-277VAC
- GSA Listed / Assembled in USA option

Applications Include

- High Bay, Low Bay
- Warehouse, manufacturing, retail, convention centers, gyms, etc.



VALTO Modular Luminaire with Light Source, Base and Cosmetic Reflector

VALTO Base

Converts VALTO light source into a fixture mounting



[Web Link](#)

Light Source

15,000 or 20,000 Lumens
Integrated optics / no glare
Lightweight 1.7kg. (3.6lbs.)

Light Source Options

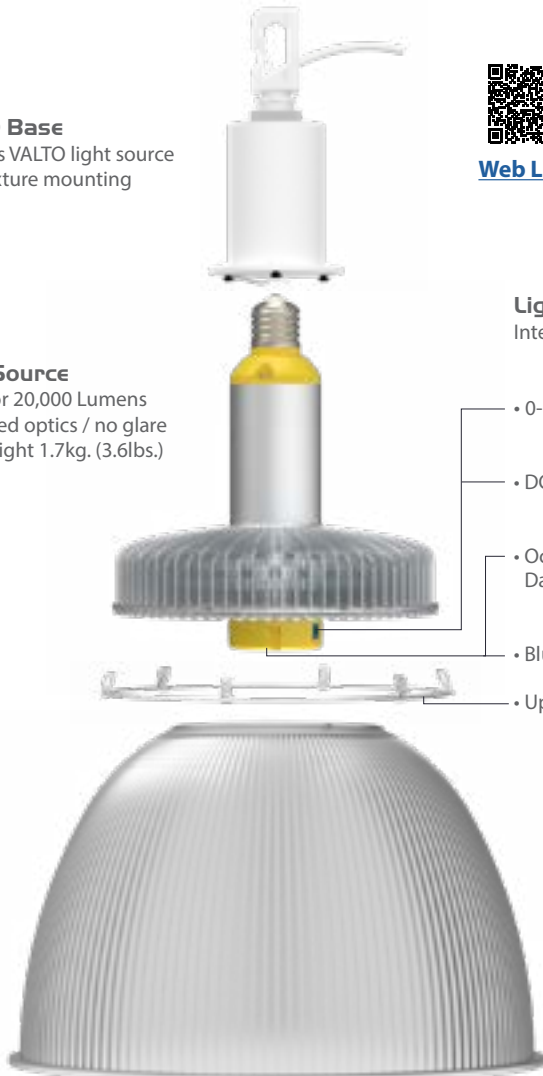
Integrated Controls

- 0-10V Cable
- DC Power Adjuster
- Occupancy and Daylight Controls
- Bluetooth Controls
- Uplight



Cosmetic Reflector

Twist and lock to VALTO Base for vintage industrial aesthetics



VALTO Modular Luminaire with Light Source and Base

The Filamento Difference

At Filamento, we have a different vision for lighting. With each product, we surpass conventional thinking to set new standards for what is possible. Every seemingly insurmountable challenge is met with passion, imagination and the determination that everything should be, and can be better.

Founded in 2014 in the heart of Silicon Valley California, Filamento is guided by the leadership of Frank Shum. Frank's forward-thinking, relentless pursuit for improvement and uncompromising drive to innovate is what has set Filamento apart. Before launching Filamento, Frank was the General Manager and Chief Designer for all of Soraa's groundbreaking products. Frank's innovations have been internationally recognized by many prestigious organizations with a myriad of awards including Red Dot, SIL Sapphire, Lighting and Architecture Magazine, LightFair International, LuxLive, DOE Lighting for Tomorrow, and more. With more than 100 patents to his name, Frank has, and continues to, demonstrate an unrivaled legacy of innovation.

Much more than a manufacturer of industrial lighting solutions, Filamento is a visionary company focused on creating a brighter future.



Sales@Filamento.com

+1 408-475-0038

2445 Augustine Drive, Suite 150

Santa Clara, CA 95054, USA

www.Filamento.com