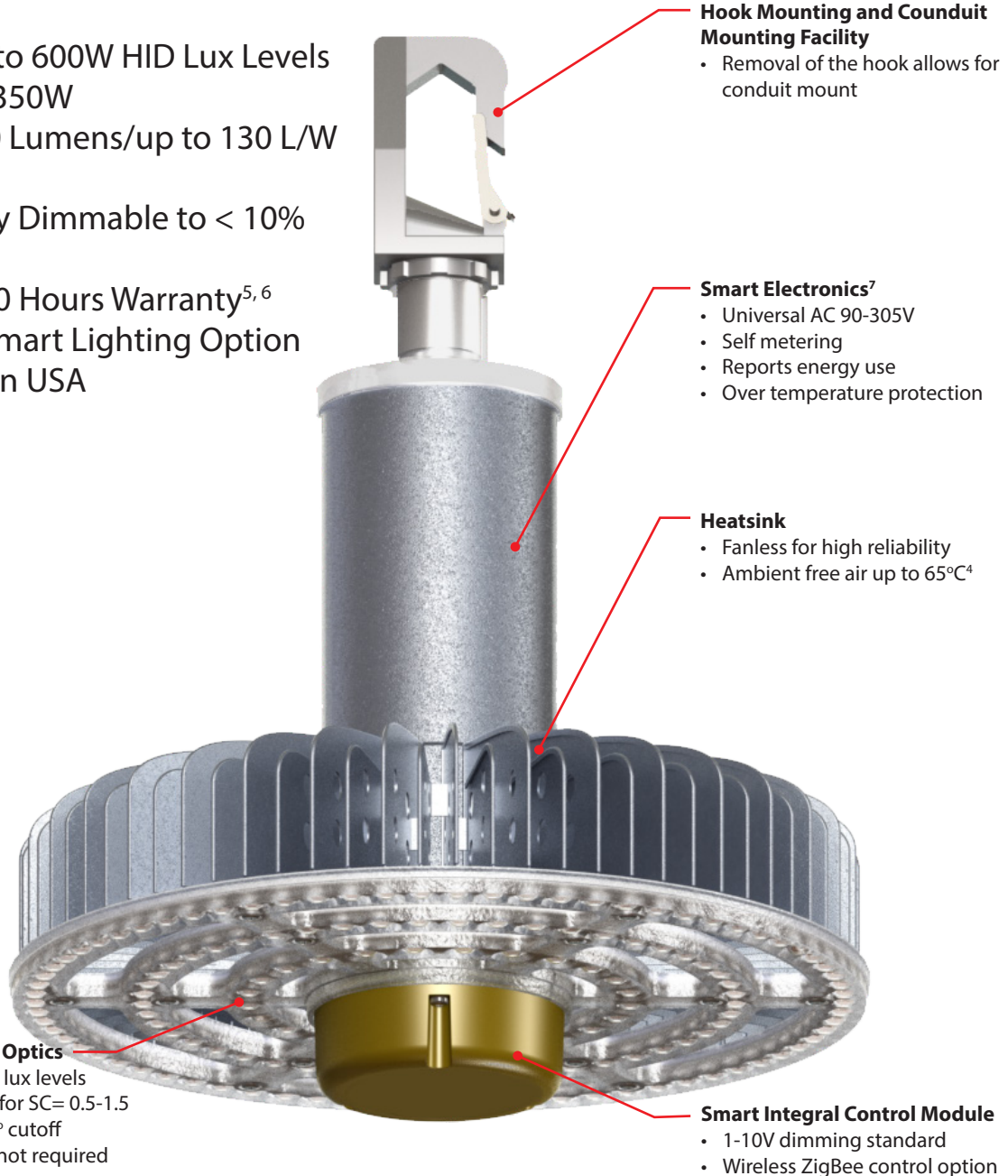


VALTO High Bay LED Luminaire

Lighter, Brighter, Smarter

- Matches up to 600W HID Lux Levels
- Saves up to 350W
- Up to 20,000 Lumens/up to 130 L/W
- Low Glare
- Continuously Dimmable to < 10%
- ROI < 1 Year³
- 5 Year/50,000 Hours Warranty^{5,6}
- Integrated Smart Lighting Option
- Engineered in USA
- IP20 Rating



Hook Mounting and Conduit Mounting Facility

- Removal of the hook allows for conduit mount

Smart Electronics⁷

- Universal AC 90-305V
- Self metering
- Reports energy use
- Over temperature protection

Heatsink

- Fanless for high reliability
- Ambient free air up to 65°C⁴

Optimized Integral Optics

- 1.6-2.0x improved lux levels
- Even illumination for SC= 0.5-1.5
- Low glare with 50° cutoff
- External reflector not required

Smart Integral Control Module

- 1-10V dimming standard
- Wireless ZigBee control option

Filamento's VALTO Series High Bay LED Fixture outperforms most high bay HID and LED fixtures while providing rapid payback and reduced maintenance costs. Designed in the USA, its patented technology combines an ultralight heatsink; an optical system that provides even illumination with low glare; and an intelligent driver. Reliability and efficiency are ensured by a proprietary heatsink design that maintains low temperatures without a fan.

Reduce inventories and lead times by stocking a single fixture type that can provide uniform illumination for spacing criteria from 0.5-1.5. An optical accessory can be field installed to create uplight. In most situations paybacks of one year or less can be easily realised.

Applications include warehouse, grocery, gymnasiums, industrial, and retail spaces.

VALTO

High Bay LED Luminaire

Lighter, Brighter, Smarter

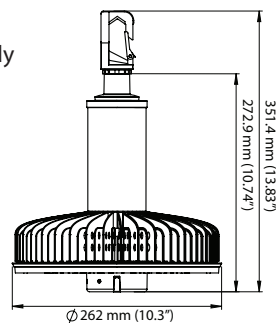
Performance Summary

Power	Lumens	L/W	Ambient Free Air
105W	15,000	143	65°C/150F
150W	20,000	130	50°C/122F

- Low Glare
- 90-305 VAC 50/60 Hz Input Voltage
- 1-10V dimming standard
- Optional ZigBee wireless controls
- 5 Years or 50,000 hours warranty⁵

Mechanical

- Fixed hook mounting
- Vertical orientation only
- Beautiful anodised solid aluminum body
- 1.85 kg / 4.1 lb
- Fanless for high reliability & efficiency
- Safety harness optional



Electrical

- 90-305 VAC 50/60 Hz Input Voltage
- PF > 0.9

VAC	100	110	120	220	240	277
AMPS	1.5	1.36	1.25	0.68	0.63	0.54

Certifications

- Suitable for Dry and Damp locations (IP20).
- This device is not intended for use with emergency exits.

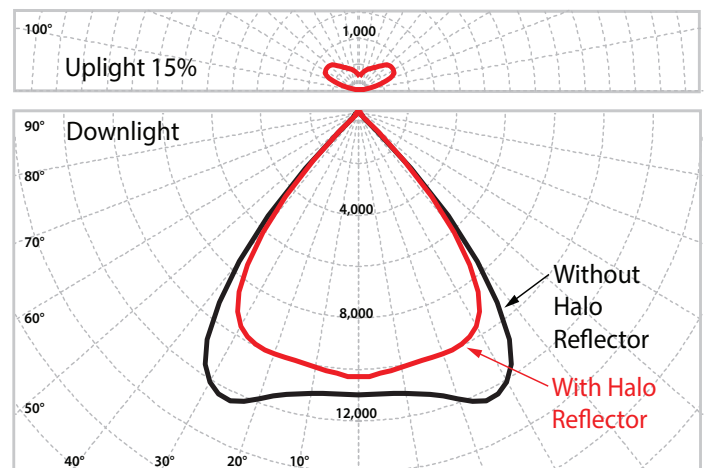
RoHS CE



Photometry

Highly optimised optical distribution enables excellent illuminance that matches legacy HID fixtures in average lux values and in uniformity with $Min/Avg > 0.75$ for spacing criteria, $SC = 0.5-1.5$. Simultaneously, low glare is achieved with a 50° cut-off. Photometry is substantially maintained regardless of input voltage for the ballast bypass case or the ballast compatible case.

Distribution at 20,000 lm



Distance to Work Surface	4.6m	6m	7.6m
Lux	630	335	207

Zonal Lumens	0-20°	20-50°	50-90° (Glare)
Valto Series	21.5%	75.2%	2.2%

ORDERING INFORMATION Example: VAL-FEU-150-8-40-TL-AN-B90-010-000

Series	Base	Power	CRI	CCT	Input	Finish	Optics	Control Module	Optic Accessory
VAL	Valto Luminaire	FEU Europe 150 150W 105 105W	8 80	40 4000K 50 5000K	TL 90-305	AN Anodised	B90 BW FW90°	010 0-10V	000 None

NOTES

1. Light loss factor of HID LLF=60% and LED LLF=85%.
2. Unless otherwise specified, all values are +/-10% typical 25°C with no optical accessory.
3. Individual installation's payback duration may differ.
4. Above rated ambient air, the electronics will turn down the light output to protect from over temperature.
5. See limited warranty for details.
6. TM21 projection to 100,000 Hours rated life at ambient air temperature of 25°C
7. Driver records values for later warranty analysis by manufacturer.
8. Not intended for use in wet environments or environments containing airborne corrosive agents such as chemicals, solvents or cutting fluids.
9. Average UGR assuming 46m x 46m room, 7.6m ceilings, 50% wall and ceiling reflectivity, 20% floor reflectivity, SC=1.5, 4x4 fixtures.
10. Specifications subject to change without notice