

Concerto

Efficient, Sustainable, Reliable

Concerto is a high-performance luminaire engineered for exceptional energy efficiency and ease of use. With a luminous efficacy of up to 190 lm/W, it reduces both energy consumption and operating costs while promoting environmental sustainability.

Its innovative design allows for simple installation and easy maintenance. The driver, often the most common component to fail, can be quickly replaced without specialized tools, extending the product's lifespan and supporting sustainable practices.

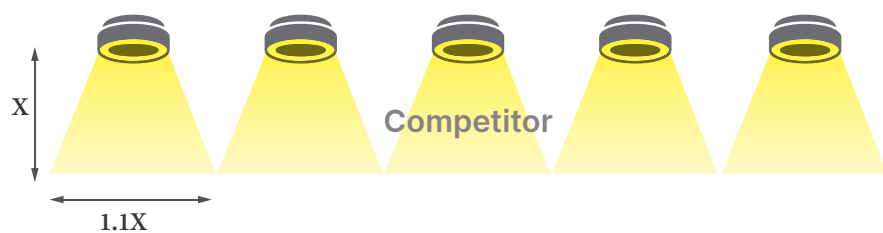
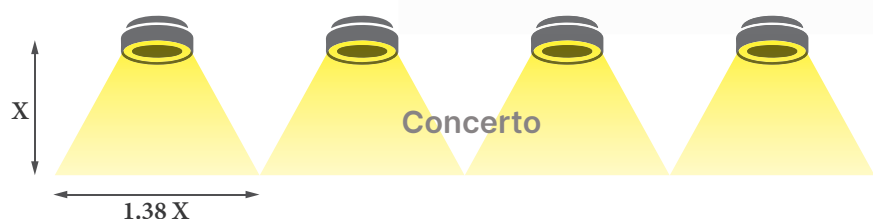
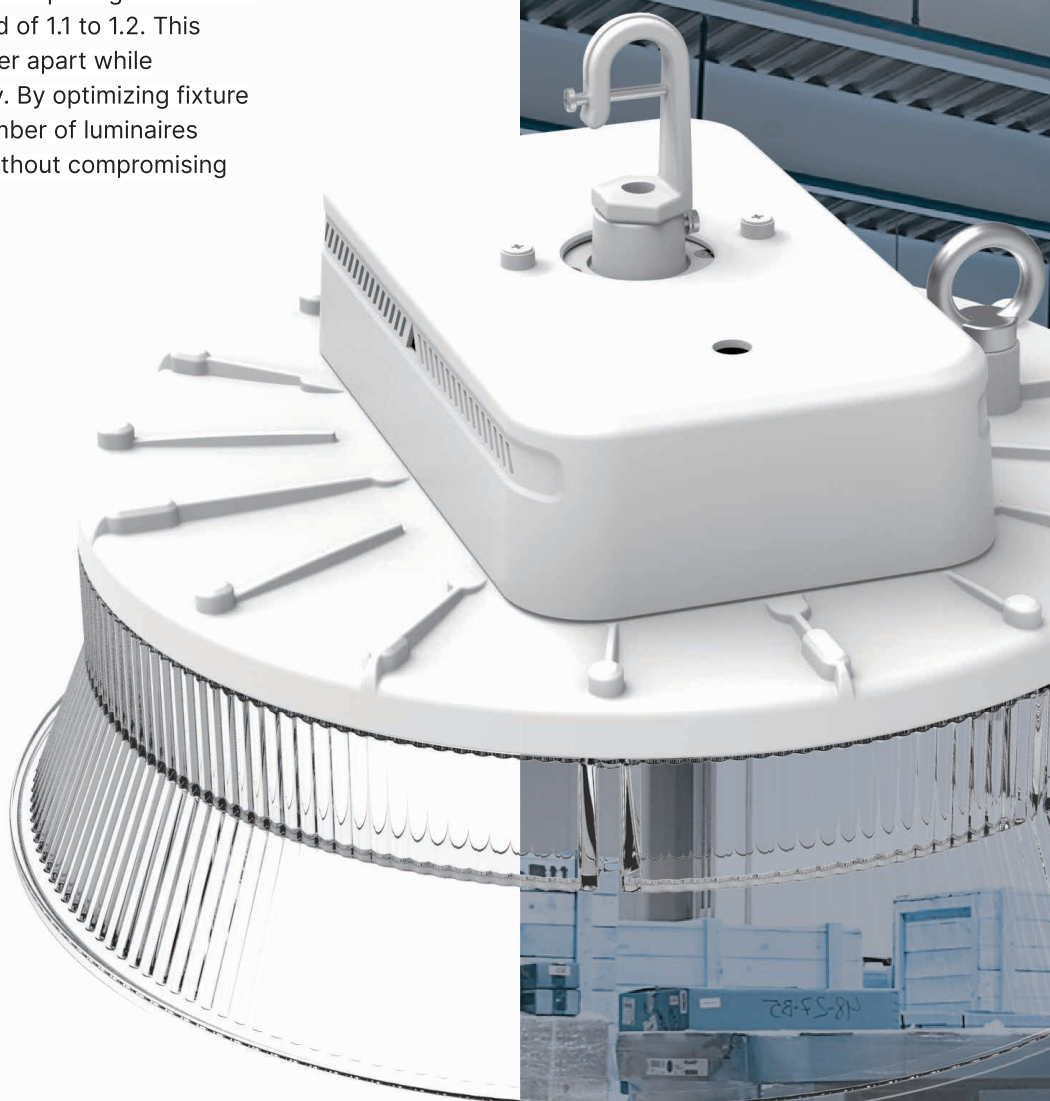
For added versatility, Concerto features an optional uplight reflector that enhances retail spaces with a welcoming and dynamic atmosphere.

Concerto is the perfect choice for those seeking an efficient, durable, and eco-friendly lighting solution.



Light Up More with Less

Our advanced optical design achieves a spacing criterion of 1.38, surpassing the industry standard of 1.1 to 1.2. This allows luminaires to be installed farther apart while maintaining consistent lighting quality. By optimizing fixture spacing, our solution reduces the number of luminaires needed, lowering installation costs without compromising performance or visual appeal.



Product Features

- Innovative Optical Design

Supports a luminaire spacing ratio of up to 1.38, significantly reducing the number of fixtures needed while optimizing efficiency and aesthetics.

- 5% Enhanced Uplight Reflector

The reflector's advanced photometric design increases uplight by 5%, while its anti-glare feature creates a more inviting ambiance, enhancing the visual appeal and comfort of retail spaces.

- Sustainable and Easy-to-Maintain Design

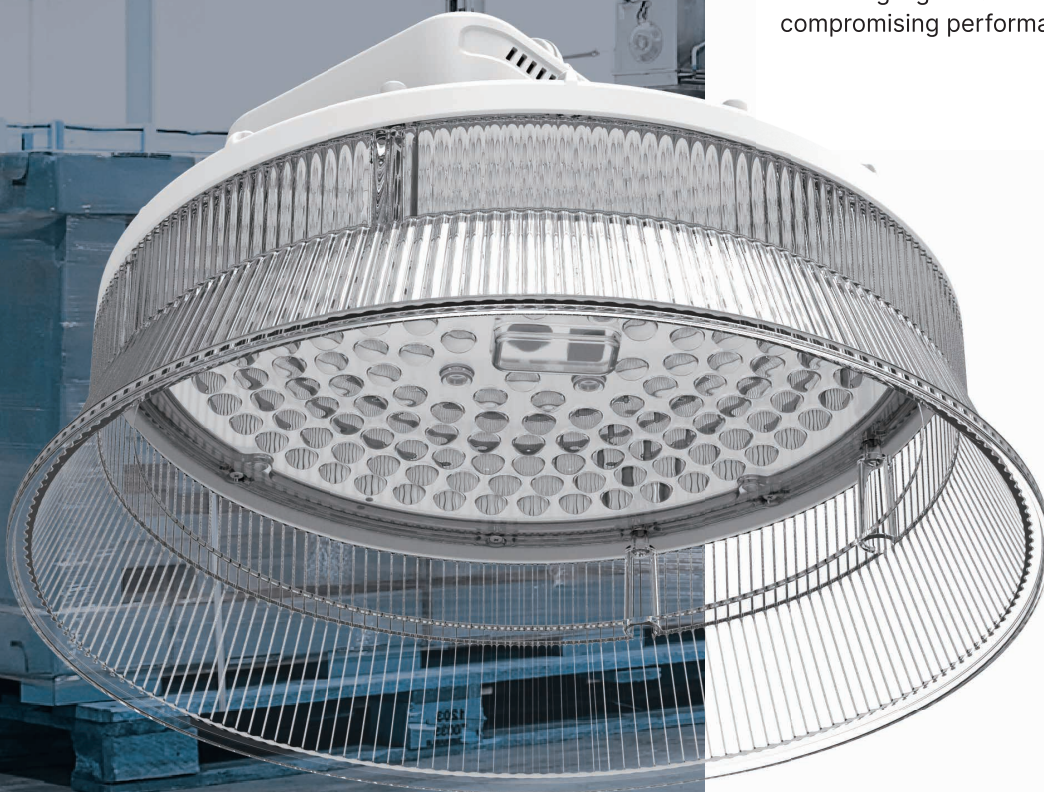
Features a tool-free, replaceable power module, extending the product's lifecycle while balancing environmental and economic benefits.

- IoT-Ready Wireless Control

Compatible with various wireless controllers, such as Synapse and Casambi, to meet diverse smart lighting requirements.

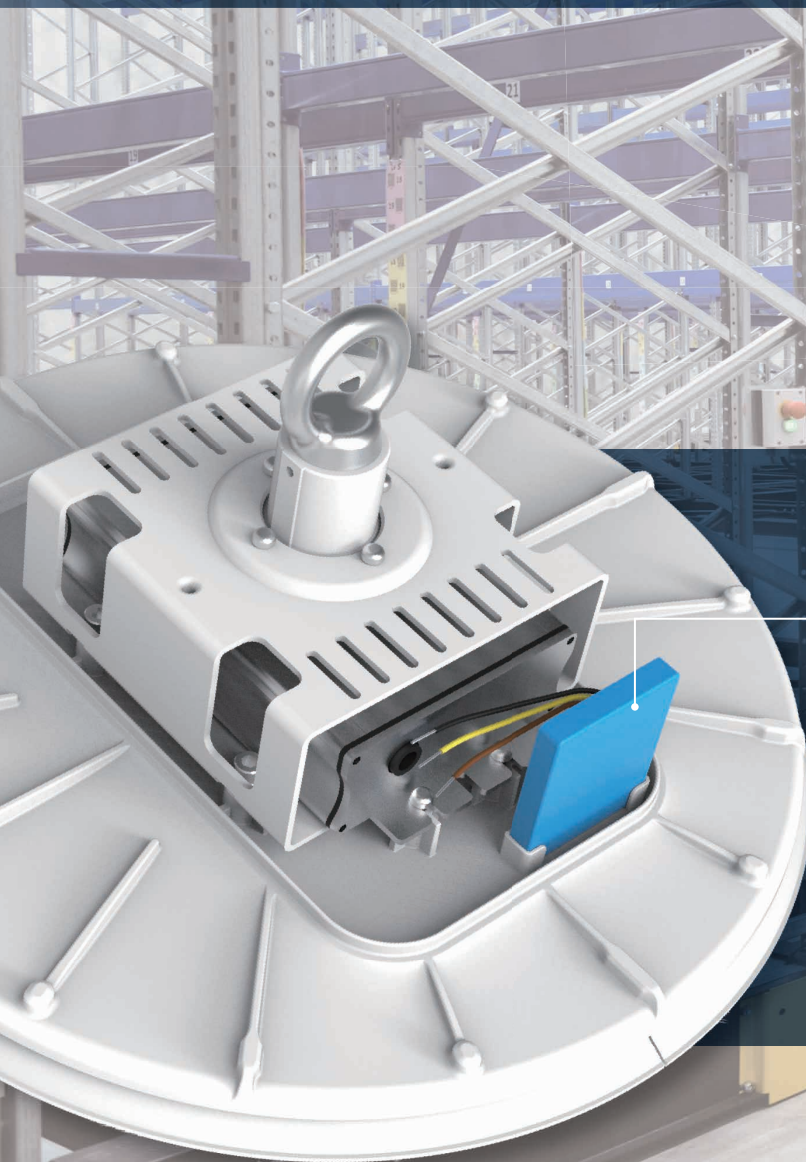
- Exceptional Energy Efficiency

Achieves luminous efficacy of up to 190 lm/W, delivering significant energy savings without compromising performance.



Tool-Free Driver Replacement for Longevity and Sustainability

Our luminaire features a tool-free, replaceable driver design, making maintenance quick and easy. As the most vulnerable component, the driver's easy replacement extends the product's lifespan, reduces maintenance costs, and minimizes waste, promoting sustainability.



IoT-Ready for Seamless Connectivity

Our luminaire is designed for IoT integration, which makes it effortlessly compatible with Synapse and Casambi modules to tailor your lighting precisely to your needs. It bridges wired and wireless systems, ensuring seamless interoperability across devices and adherence to industry standards. This advanced connectivity unlocks smarter, more flexible lighting solutions for any environment.



REMOTE
CONTROL



PIR SENSOR



DIMMING

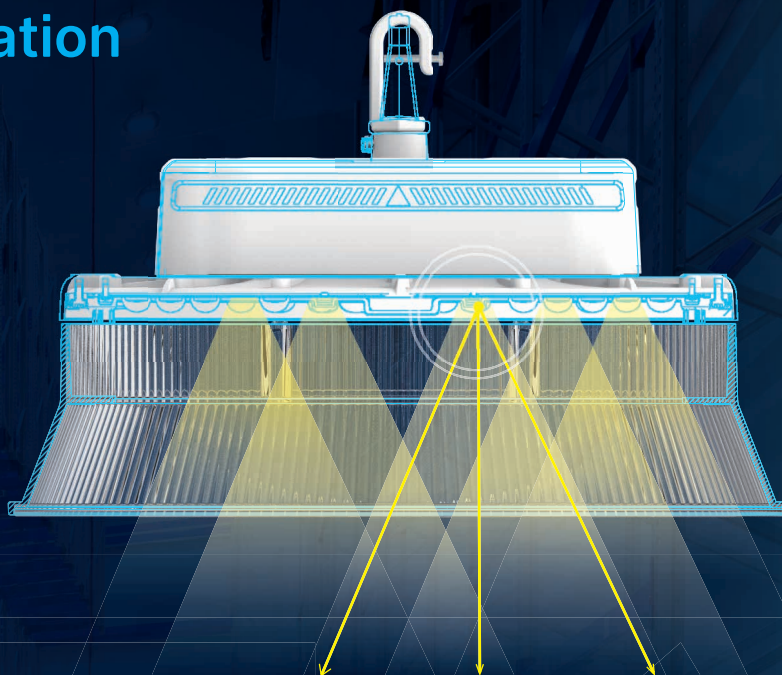


DAYLIGHT
HARVESTING

Optimized Optical Design for Superior Illumination

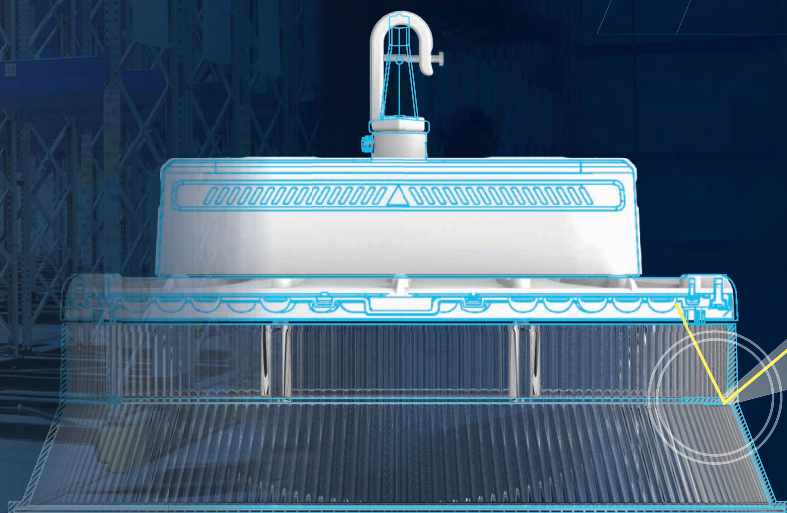
Direct Lighting

Delivers efficient ground illumination with an optimized lens design, offering precise light control to enhance target areas and shelves.



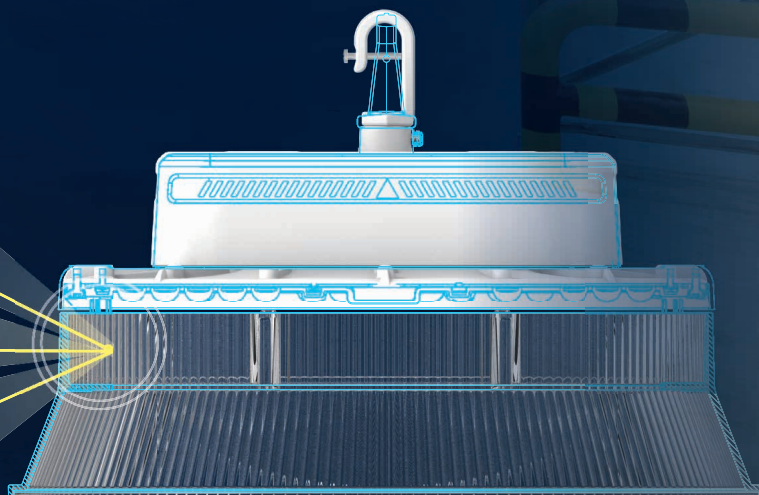
Uplighting

Reflects light intelligently to brighten the ceiling, enhancing spatial illumination and creating a more open, inviting atmosphere.



Scattered Lighting

Employs a prism lens on the reflector to diffuse light evenly, effectively reducing glare and ensuring visual comfort in retail spaces.



Parameters

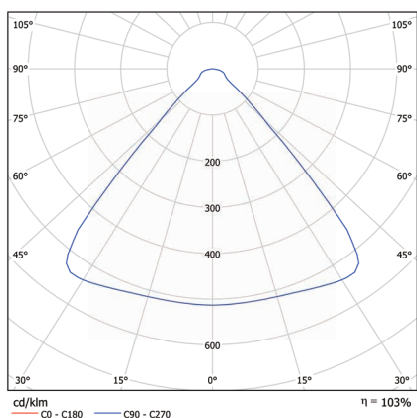
Model No.	BA-HG1BA Series	BA-HG1BC Series	BA-HG1BE Series
Lumen Output (lm)	19,300	23,900	27,500
Input Voltage	AC 100~277V		
Power (W)	100	125	145
Efficacy (lm/W)	193	191	190
CCT/CRI	5000K / 4000K ≥ Ra 80		
Power Factor	≥ 0.95		
Operating Temperature	-20 ~ 50°C		
Over Temperature Protection	Thermal foldback protection and auto recover		
LED Lifetime	> 100,000 hrs L80/B10 at Ta25°C		
Mounting	Hook		
Spacing Criterion	Luminaire SC=1.55. ; Reflector SC= 1.38		
Accessories (Sale Optional)	Refractor (offering 5% uplight)		
Controller (Optional)	Delta BIC, Synapse, Casambi or others		
Weight (Including Refractor)	5.6 Kg		
Note	1.5m Safety cable included		

* power rating @277V

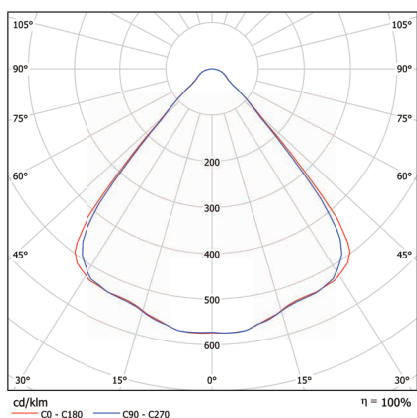
Naming Rules

Title	Product	Mounting Type	Power	CCT & CRI	Optics	Dimming Option	Region
BA	HG1	B: Hook mount	A: 100W C: 125W E: 145W	4: 4000K, CRI80 5: 5000K, CRI80	80: 80 degrees	0: Base model B: Delta BIC C: Casambi Y: Synapse D: DALI	E: EMEA J: Japan T: Taiwan U: USA

Photometric Diagrams

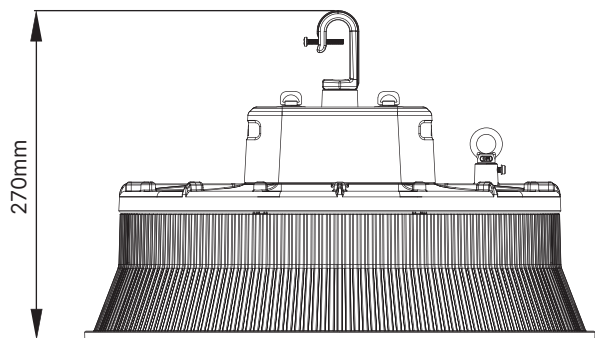
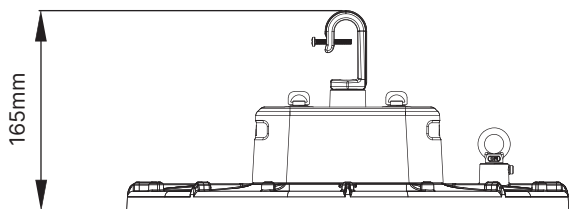
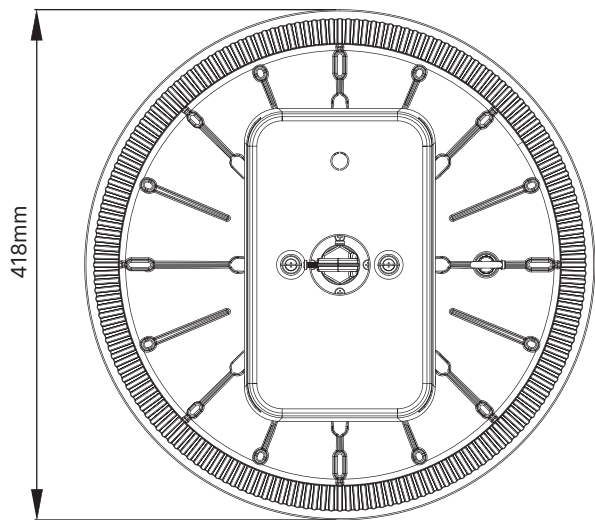
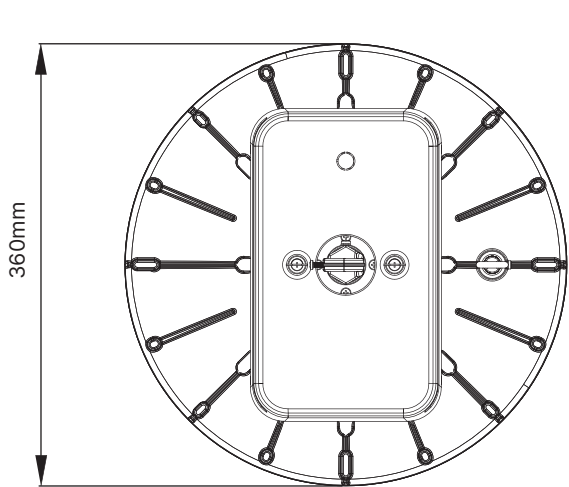


Without reflector



With reflector

Dimensions (mm/inch)





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