

The **og**® Advantage

30% more reflector surface area and increased airflow for a cooler running hood

Vertical lamp orientation produces more cross lumens for better canopy penetration

Kick plate reflector works with vertical lamp configuration to maximize downlight

Miro 5 reflector provides superior light output with 95% reflectivity compared to typical reflectors







Dimpled parabolic reflectors diffuse light for more even distribution without sacrificing intensity

Interchangeable tool-less ducts and screened covers adapt ventilation to any growroom configuration

FEATURING  **growlite**® TECHNOLOGY

Compare the Facts and see the **og** Advantage

PPF / QUANTUM PAR METER* (Photosynthetic Photon Flux) (Sun System #748205)	1406 µMOL	1001 µMOL	1332 µMOL	1129 µMOL	1104 µMOL	1045 µMOL	709 µMOL	576 µMOL
FOOT-CANDLE (fc)	9710 fc	6760 fc	9020 fc	7760 fc	7480 fc	7020 fc	4760 fc	3840 fc

 COOL SUN XL (28 INCH 1000 HPS (INDOOR GROW SCIENCE))
 RADIANT (RADIAN 8 INCH 1000 HPS (INDOOR GROW SCIENCE))
 COOL SUN XL (28 INCH 1000 HPS (INDOOR GROW SCIENCE))
 BLOCKBUSTER (MAGNUM XXL 8 INCH 1000 HPS (SUN SYSTEM))
 MAGNUM XXXL (XTREASUN 8 INCH 1000 HPS (INDOOR GROW SCIENCE))
 XTREASUN (XTREASUN 8 INCH 1000 HPS (INDOOR GROW SCIENCE))

MOUNTING HEIGHT - 28 INCHES ABOVE 4'X4' TRAY

***PHOTOSYNTHETIC - PHOTON FLUX**

Photosynthesis is driven by the number of photons between 400 and 700 nanometers (nm). This is called Photosynthetic Photon Flux (PPF) and is measured in micromoles per meter squared per second. PPF meters are commonly called quantum meters because a quantum refers to the amount of energy carried by a photon. Line quantum sensors are often used to quantify the variable light in greenhouses and below plant canopies because they provide a spatial average.

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og

VERTICAL LAMP
250W-1000W REFLECTOR
CONCEALED VACUUM
AIRFLOW TECHNOLOGY



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CONCEALED VACUUM AIRFLOW TECHNOLOGY™

The patented Concealed Vacuum Airflow Technology™ (CVAT) reflector provides 30% more reflective surface for better light as well as the most efficient venting. The design of the hood allows 100% of its specially-designed surface to reflect more light from the lamp, maximizing lumen output. Vertical parabolic reflectors diffuse the light for more even distribution without sacrificing intensity. The CVAT directs ventilation behind the reflector, away from the lamps and through concealed ducts. The controlled airflow cools the internal lamp chamber and the external housing, offering a cooler running hood than the conventional reflectors that are known to generate excessive heat.

The OG® is engineered with a vertical lamp for the even light distribution and use of all lumens. Exceptional photometric performance and maximized thermal dissipation results in more consistent growing environments, with accelerated grow cycles and higher yields.

Minimal Heat
30% More Light Output
Even Light Distribution
Longer Lamp Life

Durable black matte powder coat finish
Constructed of heavy-duty 22 gauge steel
1/8" thick tempered glass lens
Removable door for easy lamp access and cleaning
Standard with 15' cord and ballast plug
One (1) pair of V-hooks for mounting
250-1000w MH/HPS
Units with 1000w lamps generate 3500 BTU, 600w lamps generate 2100 BTU and 400w lamps generate 1400 BTU
875 CFM fan recommended for air cooling
UL listed for damp locations
Dimensions: L 22.17" x W 22.17" x H 12.41"
Flanges & Top Housing included: L 27.17" x W 22.17" x H 18.21"
Weight: 33 lbs / 14.97 kgs
Item No. GLH-OG-8