



Switch

GROW SOLUTIONS

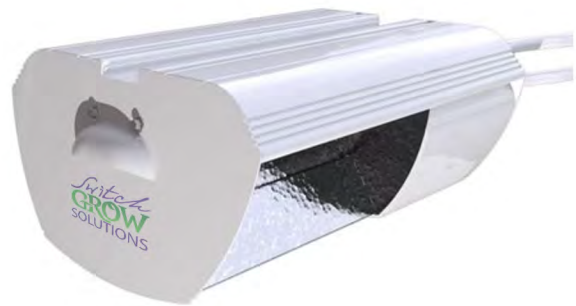
Switch GROW Ceramic Metal Halide *Advanced Technology*



E-Papillon 1000 Watt



E-Papillon 600 Watt



D-Papillon 315 Watt

State of the Art Hydroponic Fixtures

Greenhouses, Universities, Test centers, Climate rooms
and the Hobby Grower.

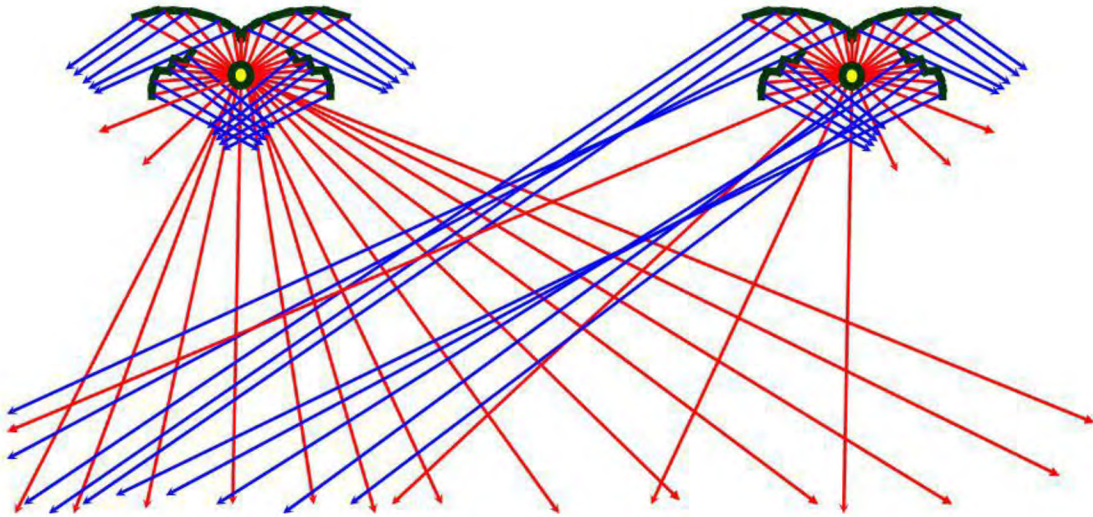
ADVANCED SOLUTIONS FOR SERIOUS GROWERS
www.SwitchGROW.com



Switch

GROW SOLUTIONS

Patented Design
Optimal Light Diffusion for *Even Plant Growth*



The Lamp *Cools*, through a uniquely designed air flow.
Increasing your lamp life and reducing maintenance costs.



- Patented open reflector design increases efficiency to 95%, promoting longer bulb life due to reduced heat buildup. (measured in a laboratory certified by the British Standardization Institute)
- Sealed housing with Gore-Tex ventilation plug allows for extreme air pressure fluctuation
- Lamp & reflector easily replaceable.
- 3 Year Warranty on fixture
- Winner of the 2013 High Times S.T.A.S.H. Award for best new Digital Lamp (ballast, hood, bulb combo)!

ADVANCED SOLUTIONS FOR SERIOUS GROWERS
www.SwitchGROW.com



Switch

GROW SOLUTIONS

Switch **GROW** Ceramic Metal Halide

Specifications

E-Papillon 1000 Watt

E-Papillon 600 Watt

D-Papillon 315 Watt

Rated Mains voltage:	220V - 240V	220V-240V	220V-240V
Voltage range:	(+/- 10%) 176V - 264V	(+/- 10%) 202V-264V	(+/- 10%) 202V-264V
Frequency:	50Hz – 60Hz	50Hz – 60Hz	50Hz – 60Hz
Current:	4,4 A typical @ 240V	3,0 A typical @ 240V	1,5 A typical @240V
Operation frequency (typical):	100 kHz	130 - 190 kHz	130 - 190 kHz
Rated Power:	1060W @ 240V	640W @ 240V	340W @ 240V
Inrush current:	< 50A	< 30A	< 30A
Power factor:	>0,95	>0,95	>0,95
Dimming type:	600W, 660W, 750W, 825W, 1000W, 1150W	NA	NA
Philips GreenPower Plus EL:	>2000 µmol/s, Rated 10.000 hours > 95%	>1190 µmol/s Rated 10.000 hours > 95%	NA
Philips CDM Elite MW 315W Greenpower:	NA	NA	>600 µmol/s. Rated 16.000 hours > 90%
Philips CDM Elite MW 315W Daylight:	NA	NA	>550 µmol/s. Rated 16.000 hours > 90%
Weight:	11.9 lbs.	8.9 lbs.	14.3 lbs.
Dimensions (l, w, h: inches)	18.5 x 9.1 x 13.0	17.5 x 11.2 x 10.1	14.2 x 11.8 x 6.3
MET Certification E113627:	Complies with UL1598 Complies with CSA C22.2 No. 250.0-08		
347 Volt available			