



Pharox: Modular Series: 40w/ 80w/ 120w



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Specifications of 40W Individual Module

Input Characteristics	
Voltage (V_{in})	230 Vac, 50Hz
Current (I_{in})	185 mA at nominal voltage
Typical Power (P_{in})	41W
Operating Voltage Range	180 - 260 Vac
Power factor (PF)	≥ 0.95
ATHD (%)<	<10%
Efficiency (%)	$\geq 84\%$
Surge Protection	Upto 4KV Pass

Output Characteristics	
Voltage (V_{out})	44.5 ± 3.5 Vdc
Current (I_{out})	820mA $\pm 5\%$
Power (P_{out})	36.5 W

Photometry Characteristics	
Luminous Flux	3450lm (-10% / +20%) for 6500K
CRI	>65
CCT	6530 ± 510 K
LED Make	CREE

Environmental Characteristics	
Working Temp. Range	0°C to +50°C
Working Humidity Range	85% (non condensing)
LED Lifetime Expectance at T_C 25°C	50,000 hours
Lamp's Life Expectance	35,000operating hours at 25 degrees C ambient (full load condition)

Standard Compliance	
EN 55015, IEC60598, IEC60598-2-3, IEC 61000-3-2, IEC 61347-2-13, IEC 62384, IEC 62471	



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Salient Features

- ✓ High Efficacy in Class with second Gen LED Source
 - ✓ External & individual drivers confirms IP 67 Protection , easy to maintain.
 - i) Benefit for Luminare : LED source IP won't get affected during maintenance.
 - ii) Benefit for Electronics: Electronics won't get affected due to moisture.
 - ✓ Best thermal management with ribbed micro linear aluminium heat sink ensures maximum life and lumen maintenance of LEDs.
 - ✓ Lens design ensures desired and controlled light spread and throw as per application design.
 - ✓ Designed and manufactured as per International standards.
 - ✓ IP (66 and Driver 67), THD (<10%), PF(>0.95), Efficacy(>84 –Hot Lumens), Surge Protection (up to 4 Kv) makes this product best in class in all categories.
 - ✓ Ensures Indian Voltage fluctuation compatibility
 - ✓ Designed for tilt adjustments as per fixed pole bracket or retrofit projects.
 - ✓ Decorative and aesthetically superior in class
 - ✓ Manufactured by the largest lighting electronics' manufacturers' in world (after China market) & LEDs are nothing but electronic semiconductors only.
 - ✓ Comprehensive Three years warranty
 - ✓ Made In India
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- ❖ Quality reflects through engineering of R&D
 - ❖ Pioneer of LED Bulb in world.
 - ❖ Manufactured and sold more than 70,00,000 LED bulbs in Europe and South Africa

Global Technology Manufactured in India