

SlimLine Elite 36W LED Batten

PRODUCT OVERVIEW

The **Philips SlimLine Elite 36W** is a premier, high-efficacy linear LED luminaire engineered to offer maximum brightness and clean aesthetics. Designed to replace standard high-wattage fluorescent fittings, it delivers uniform light output with integrated **EyeComfort** technology to eliminate flicker and optical strain. Ideal for architectural, commercial, and refined residential lighting systems.

KEY PERFORMANCE FEATURES

- High Luminous Efficacy:** Delivers an ultra-bright output of **3600 μm** , rendering pristine illumination across open zones.
- Advanced EyeComfort Criteria:** Validated to drastically reduce glare, visual strobe effects, and ambient light flickering.
- Integrated Surge Defense:** Engineered to absorb sudden line-voltage spikes common in industrial distribution grids.
- Extruded Polycarbonate Body:** Provides optimal thermal dissipation, ensuring structural stability without yellowing or thermal fatigue.
- Instant-On Driver Topology:** Constant current solid-state driver ensures instantaneous startup with zero audible hum.

REGULATORY & GRID COMPLIANCE

Conforms to IS 10322 | BIS Registered Safety Standards | Bureau of Energy Efficiency (BEE) compliant architecture for sustained commercial operations.

TECHNICAL SPECIFICATIONS

PARAMETER	OPERATIONAL & CONSTRUCTION SPECIFICATIONS
ELECTRICAL CHARACTERISTICS	
Nominal Wattage	36 Watts
Input Voltage Range	100V – 240V AC, 50/60 Hz
Power Factor (PF)	≥ 0.90 (High efficiency design topology)
Surge Protection Capacity	Integrated internal protection mechanism
OPTICAL PERFORMANCE	
Total Luminous Flux	3600 Lumens (100 lm/W System Efficacy)
Correlated Color Temperature (CCT)	6500K (Cool Daylight)
Color Rendering Index (CRI)	≥ 80 Ra (True-to-life color rendering)
Beam Angle / Beam Profile	$> 120^\circ$ Wide-angle uniform distribution lambertian profile

PRODUCT VISUALIZATION



Standard 4FT Linear Profile Form-Factor

QUICK METRICS

36WSYSTEM
POWER**3600 lm**LUMEN
OUTPUT**6500K**

COOL DAY

PARAMETER	OPERATIONAL & CONSTRUCTION SPECIFICATIONS
MECHANICAL & LIFETIME PROPERTIES	
Housing Material	Premium High-Grade Co-extruded Thermal Polycarbonate
Product Length / Dimensions	4 Feet (Nominal 1200 mm length)
Rated Life Cycle	Up to 25,000 Hours (L70 Performance Metrics)
Mounting Configuration	Surface Wall or Ceiling Mounting via included click-fit brackets