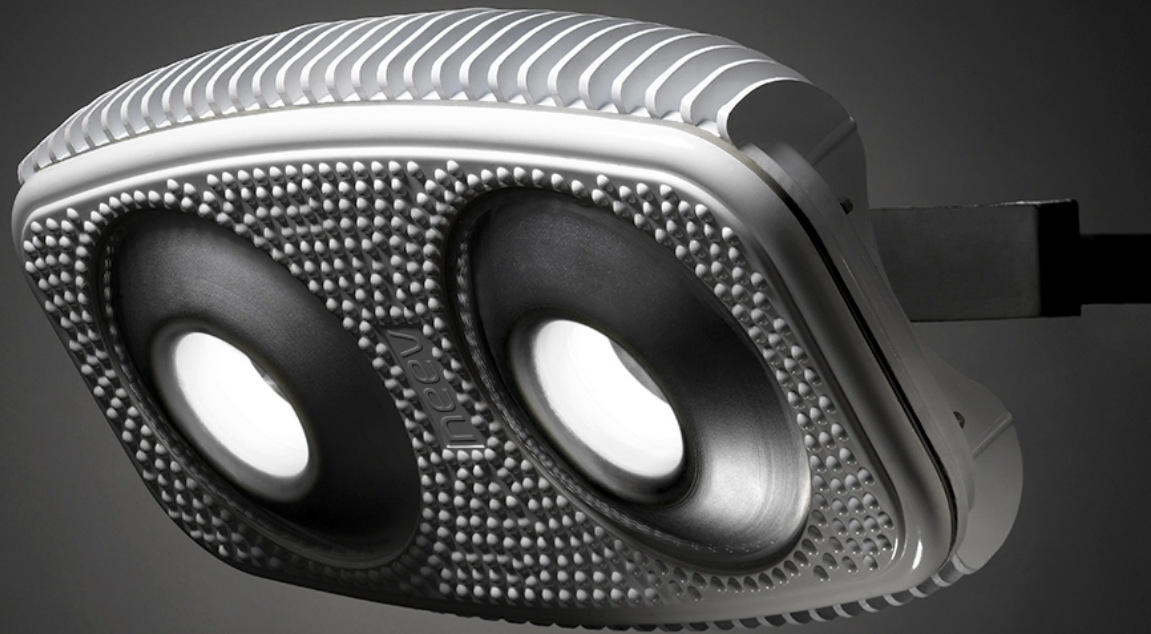


[www.neeenergy.com](http://www.neeenergy.com)



Versatile. Uniquely designed.

**SPECIALIZED  
LIGHTING**



**neev**  
lights @live



Neev is committed to creating a smart and sustainable ecosystem backed by its innovative lighting and technology solutions. One of the most advanced smart city solution providers in India and globally, Neev lays the foundation of future-ready cities, vital to economic progress as well as human development.

Neev works with multiple stakeholders such as governments, corporations and local communities, building critical partnerships to successfully achieve its goals. It offers a wide product range and innovative solutions for projects ranging from intelligent street lighting, industrial and specialized lighting, sports lighting and energy efficient financial models.



Neev's distinction lies in its integrated approach to providing lighting solutions. It boasts of an in-house design and manufacturing capability, backed by its advanced proprietary technology. Its efficient service delivery with optimal resources enables it to effectively manage large-scale projects.



ELECTRICAL SPECIFICATION	System Wattage Including Driver Losses (W)	220+/-5%
	Driver Power Factor	>0.9 at full load
	Non Dimmable/Dimmable (Optional)	DIMMABLE (0-10V, 1-10V)
	Operating Input Voltage Range of Driver	140-270/90-305VAC
	Operating Input Frequency Range of Driver	47-63Hz
	Operating Temperature	-40°C to 50°C
	Driver THD	<10% at full load
	Driver Efficiency	>90%
	Inbuilt Surge Protection in Driver	4kV / 6kV
	Additional Surge Protection (Optional)	Uoc-10kV, I <sub>max</sub> -10kA
	Special Features (Optional)	Auto cut off, APFC
PHOTOMETRIC SPECIFICATION	LED	Nichia/Osram/Cree/Philips or equivalent
	CRI	>70
	Colour Temperature in Kelvin	3000K, 4000K, 5700K, 6500K
	Beam Pattern	30, 60, 90, 120 Deg.
	Lumen Output (Initial delivered lumens)	>24200
	Approx Life Span of LED (L70)	>60000 hours
MECHANICAL SPECIFICATION	Enclosure Rating	IP66
	Impact Resistance	IK08
	Material of Housing	Aluminium pressure die cast with ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion

## Installation Instructions

**Accessories <sup>^^</sup>**

U-Clamp [1 No per set]

Degree Clamp [2 Nos per set]

M10 Allen Bolt [4 Nos per set]

Flat Washer [4 Nos per set]

Spring Washer [4 Nos per set]

Holding Clamp

M10 Allen Bolt [4 Nos per set]

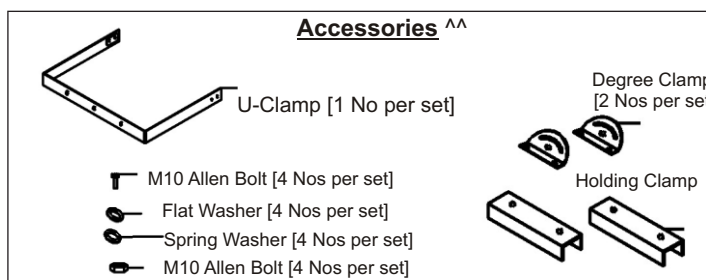
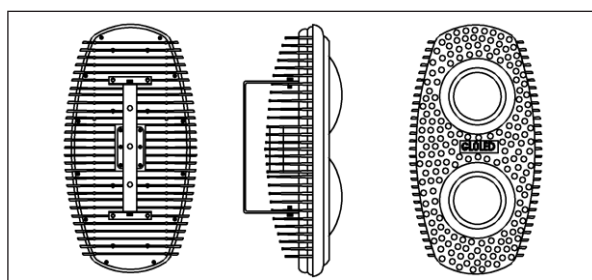
<sup>^^</sup> Accessories required may change as per site conditions and customer requirements. It is not necessarily included with the product.

\* Continuous design improvement is a routine practice at Neev. Actual product may appear slightly different in appearance. Specifications provided may change without prior intimation. Customers are advised to reconfirm specifications before purchase.



ELECTRICAL SPECIFICATION	System Wattage Including Driver Losses (W)	400+/-5%
	Driver Power Factor	>0.9 at full load
	Non Dimmable/Dimmable (Optional)	DIMMABLE (0-10V,1-10V)
	Operating Input Voltage Range of Driver	140-270/90-305VAC
	Operating Input Frequency Range of Driver	47-63Hz
	Operating Temperature	-40°C to 50°C
	Driver THD	<10% at full load
	Driver Efficiency	>90%
	Inbuilt Surge Protection in Driver	4kV / 6kV
	Additional Surge Protection (Optional)	Uoc-10kV, I <sub>max</sub> -10kA
	Special Features (Optional)	Auto cut off, APFC
PHOTOMETRIC SPECIFICATION	LED	Nichia/Osram/Cree/Philips or equivalent
	CRI	>70
	Colour Temperature in Kelvin	3000K, 4000K, 5700K, 6500K
	Beam Pattern	30, 60, 90, 120 Deg.
	Lumen Output (Initial delivered lumens)	>44000
	Approx Life Span of LED (L70)	>60000 hours
MECHANICAL SPECIFICATION	Enclosure Rating	IP66
	Impact Resistance	IK08
	Material of Housing	Aluminium Pressure Die cast with Ultra-durable Powder Topcoat, Providing excellent resistance to corrosion, Ultraviolet degradation and Abrasion

## Installation Instructions



<sup>^^</sup> Accessories required may change as per site conditions and customer requirements. It is not necessarily included with the product.

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## Sports Lighting

Neev specializes in design and installation of high efficiency lighting solutions for sports arenas and stadia. It offers highly engineered products, which are suited to requirement of high illumination and low-cost maintenance, which a sport lighting project typically entails. The state-of-the-art, intelligent sports lighting solutions strike a balance being powerful and robust while maintaining quality and delivering energy efficiency.



## Street Lighting

Neev has the in-house capability to design, manufacture and install energy efficient, smart LED street lights. Its state-of-the-art, intelligent street lighting solutions are customised as per the type of the road, environment conditions and the site requirements. The products, offered in a range of premium and regular categories, meet the international and Indian standards of quality and specifications for LED street lighting.



## Industrial Lighting

Neev offers lighting solutions for indoor and outdoor spaces in industries, factories and warehouses. The lights are customised based on the requirements of space and illumination, such as to ensure direct illumination to all areas. The products ensure better energy efficiency than standard lighting, eliminate light loss due to cut-offs and provide better value for every watt of electricity consumed.

