

# Intelligent. Appealing. Inventive.

# STREET LIGHTING



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### **ABOUT US**



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)	35+/-5%
	Driver Power Factor	>0.9 at full load
	Non Dimmable/Dimmable (Optional)	DIMMABLE (0-10V, 1-10V)
	Operating Input Voltage Range of Driver	90-305VAC
	Operating Input Frequency Range of Driver	47-63Hz
	Operating Temperature	-40°C to 50°C
	Driver THD	<15% at full load
	Driver Efficiency	>90%
	Inbuilt Surge Protection in Driver	6kV
	Additional Surge Protection (Optional)	Uoc-10kV, Imax-10kA
	Provision for Photosensor/Photocell (Optional)	NEMA 3/5/7 Pin Socket
	Special Features (Optional)	Auto cut off, APFC
PHOTOMETRIC	LED	Nichia/Osram/Cree/Philips or equivalent
SPECIFICATION	CRI	>70
	Colour Temperature in Kelvin	3000K, 4000K, 5000K
	Beam Pattern	IESNA Type 1, Type II, Type III, Type IV
	Luminous Efficacy	130 lm/W
	Lumen Output (Initial delivered lumens)	>4550
	Approx Life Span of LED (L70)	>100,000 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

\*\* Estimated lifetime of LED under standard conditions.

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# NE SL MINI 65





ELECTRICAL SPECIFICATION	System Wattage Including Driver Losses (W)	65+/-5%
	Driver Power Factor	>0.9 at full load
	Non Dimmable/Dimmable (Optional)	DIMMABLE (0-10V, 1-10V)
	Operating Input Voltage Range of Driver	90-305VAC
	Operating Input Frequency Range of Driver	47-63Hz
	Operating Temperature	-40°C to 50°C
	Driver THD	<15% at full load
	Driver Efficiency	>90%
	Inbuilt Surge Protection in Driver	6kV
	Additional Surge Protection (Optional)	Uoc-10kV, Imax-10kA
	Provision for Photosensor/Photocell (Optional)	NEMA 3/5/7 Pin Socket
	Special Features (Optional)	Auto cut off, APFC
PHOTOMETRIC	LED	Nichia/Osram/Cree/Philips or equivalent
SPECIFICATION	CRI	>70
	Colour Temperature in Kelvin	3000K, 4000K, 5000K
	Beam Pattern	IESNA Type 1, Type II, Type III, Type IV
	Luminous Efficacy	130 lm/W
	Lumen Output (Initial delivered lumens)	>8450
	Approx Life Span of LED (L70)	>100,000 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

\*\* Estimated lifetime of LED under standard conditions.

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# NE-SL-MIDI100



ELECTRICAL	System Wattage Including Driver Losses (W)	100+/-5%
SPECIFICATION	Driver Power Factor	>0.9 at full load
	Non Dimmable/Dimmable (Optional)	DIMMABLE (0-10V, 1-10V)
	Operating Input Voltage Range of Driver	90-305VAC
	Operating Input Frequency Range of Driver	47-63Hz
	Operating Temperature	-40°C to 50°C
	Driver THD	<15% at full load
	Driver Efficiency	>90%
	Inbuilt Surge Protection in Driver	6kV
	Additional Surge Protection (Optional)	Uoc-10kV, Imax-10kA
	Provision for Photosensor/Photocell (Optional)	NEMA 3/5/7 Pin Socket
	Special Features (Optional)	Auto cut off, APFC
PHOTOMETRIC	LED	Nichia/Osram/Cree/Philips or equivalent
SPECIFICATION	CRI	>70
	Colour Temperature in Kelvin	3000K, 4000K, 5000K
	Beam Pattern	IESNA Type 1, Type II, Type III, Type IV
	Luminous Efficacy	130 lm/W
	Lumen Output (Initial delivered lumens)	>13000
	Approx Life Span of LED (L70)	>100,000 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

\*\* Estimated lifetime of LED under standard conditions.

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# NE-SL-MEGA1-135





ELECTRICAL SPECIFICATION	System Wattage Including Driver Losses (W)	135+/-5%
	Driver Power Factor	>0.9 at full load
	Non Dimmable/Dimmable (Optional)	DIMMABLE (0-10V, 1-10V)
	Operating Input Voltage Range of Driver	90-305VAC
	Operating Input Frequency Range of Driver	47-63Hz
	Operating Temperature	-40°C to 50°C
	Driver THD	<15% at full load
	Driver Efficiency	>90%
	Inbuilt Surge Protection in Driver	6kV
	Additional Surge Protection (Optional)	Uoc-10kV, Imax-10kA
	Provision for Photosensor/Photocell (Optional)	NEMA 3/5/7 Pin Socket
	Special Features (Optional)	Auto cut off, APFC
PHOTOMETRIC	LED	Nichia/Osram/Cree/Philips or equivalent
SPECIFICATION	CRI	>70
	Colour Temperature in Kelvin	3000K, 4000K, 5000K
	Beam Pattern	IESNA Type 1, Type II, Type III, Type IV
	Luminous Efficacy	130 lm/W
	Lumen Output (Initial delivered lumens)	>17550
	Approx Life Span of LED (L70)	>100,000 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

\*\* Estimated lifetime of LED under standard conditions.

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# NE-SL-MEGA2-170





ELECTRICAL	System Wattage Including Driver Losses (W)	170+/-5%
SPECIFICATION	Driver Power Factor	>0.9 at full load
	Non Dimmable/Dimmable (Optional)	DIMMABLE (0-10V, 1-10V)
	Operating Input Voltage Range of Driver	90-305VAC
	Operating Input Frequency Range of Driver	47-63Hz
	Operating Temperature	-40°C to 50°C
	Driver THD	<15% at full load
	Driver Efficiency	>90%
	Inbuilt Surge Protection in Driver	6kV
	Additional Surge Protection (Optional)	Uoc-10kV, Imax-10kA
	Provision for Photosensor/Photocell (Optional)	NEMA 3/5/7 Pin Socket
	Special Features (Optional)	Auto cut off, APFC
PHOTOMETRIC	LED	Nichia/Osram/Cree/Philips or equivalent
SPECIFICATION	CRI	>70
	Colour Temperature in Kelvin	3000K, 4000K, 5000K
	Beam Pattern	IESNA Type 1, Type II, Type III, Type IV
	Luminous Efficacy	130 lm/W
	Lumen Output (Initial delivered lumens)	>22100
	Approx Life Span of LED (L70)	>100,000 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





\*\* Estimated lifetime of LED under standard conditions.

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

# NE-STL 25W<sup>#</sup>





ELECTRICAL SPECIFICATION	System Wattage Including Driver Losses (W)	25+/-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, Imax-10kA
	Special Features (Optional)	Auto cut off, APFC
PHOTOMETRIC	LED	Nichia/Osram/Cree/Philips or equivalent
SPECIFICATION	CRI	>70
	Colour Temperature in Kelvin	3000K, 4000K, 5700K, 6500K
	Beam Pattern	IESNA Type 1, Type II, Type III, Type IV
	Luminous Efficacy	110 lm/W
	Lumen Output (Initial delivered lumens)	>2750
	Approx Life Span of LED (L70)	>60,000 hours**
MECHANICAL	Enclosure Rating	IP66
SPECIFICATION	Impact Resistance	IK08
	Material of Housing	Aluminium pressure die cast with ultra-
		durable powder topcoat, providing
		excellent resistance to corrosion,
		ultraviolet degradation and abrasion

<sup>#</sup> Also available in 18W. Please contact for specifications.
\*\* Estimated lifetime of LED under standard conditions.
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# NE-STL 35W





ELECTRICAL SPECIFICATION	System Wattage Including Driver Losses (W)	35+/-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, Imax-10kA
	Special Features (Optional)	Auto cut off, APFC
PHOTOMETRIC	LED	Nichia/Osram/Cree/Philips or equivalent
SPECIFICATION	CRI	>70
	Colour Temperature in Kelvin	3000K, 4000K, 5700K, 6500K
	Beam Pattern	IESNA Type 1, Type II, Type III, Type IV
	Luminous Efficacy	110 lm/W
	Lumen Output (Initial delivered lumens)	>3850
	Approx Life Span of LED (L70)	>60,000 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

 <sup>\*\*</sup> Estimated lifetime of LED under standard conditions.
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# NE-STL 45W





ELECTRICAL SPECIFICATION	System Wattage Including Driver Losses (W)	45+/-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, Imax-10kA
	Special Features (Optional)	Auto cut off, APFC
PHOTOMETRIC	LED	Nichia/Osram/Cree/Philips or equivalent
SPECIFICATION	CRI	>70
	Colour Temperature in Kelvin	3000K, 4000K, 5700K, 6500K
	Beam Pattern	IESNA Type 1, Type II, Type III, Type IV
	Luminous Efficacy	110 lm/W
	Lumen Output (Initial delivered lumens)	>4950
	Approx Life Span of LED (L70)	>60,000 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

\*\* Estimated lifetime of LED under standard conditions.
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# NE-STL 60W<sup>#</sup>





ELECTRICAL SPECIFICATION	System Wattage Including Driver Losses (W)	60+/-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, Imax-10kA
	Special Features (Optional)	Auto cut off, APFC
PHOTOMETRIC	LED	Nichia/Osram/Cree/Philips or equivalent
SPECIFICATION	CRI	>70
	Colour Temperature in Kelvin	3000K, 4000K, 5700K, 6500K
	Beam Pattern	IESNA Type 1, Type II, Type III, Type IV
	Luminous Efficacy	110 lm/W
	Lumen Output (Initial delivered lumens)	>6600
	Approx Life Span of LED (L70)	>60,000 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

<sup>#</sup> Also available in 70W. Please contact for specifications.
\*\* Estimated lifetime of LED under standard conditions.
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# NE-STL 90W





ELECTRICAL SPECIFICATION	System Wattage Including Driver Losses (W)	90+/-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, Imax-10kA
	Special Features (Optional)	Auto cut off, APFC
PHOTOMETRIC	LED	Nichia/Osram/Cree/Philips or equivalent
SPECIFICATION	CRI	>70
	Colour Temperature in Kelvin	3000K, 4000K, 5700K, 6500K
	Beam Pattern	IESNA Type 1, Type II, Type III, Type IV
	Luminous Efficacy	110 lm/W
	Lumen Output (Initial delivered lumens)	>9900
	Approx Life Span of LED (L70)	>60,000 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

\*\* Estimated lifetime of LED under standard conditions.
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# NE-STL 120W<sup>#</sup>





ELECTRICAL SPECIFICATION	System Wattage Including Driver Losses (W)	120+/-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, Imax-10kA
	Special Features (Optional)	Auto cut off, APFC
PHOTOMETRIC	LED	Nichia/Osram/Cree/Philips or equivalent
SPECIFICATION	CRI	>70
	Colour Temperature in Kelvin	3000K, 4000K, 5700K, 6500K
	Beam Pattern	IESNA Type 1, Type II, Type III, Type IV
	Luminous Efficacy	110 lm/W
	Lumen Output (Initial delivered lumens)	>13200
	Approx Life Span of LED (L70)	>60,000 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

# Also available in 110W. Please contact for specifications.
\*\* Estimated lifetime of LED under standard conditions.
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# NE-STL 140W





ELECTRICAL SPECIFICATION	System Wattage Including Driver Losses (W)	140+/-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, Imax-10kA
	Special Features (Optional)	Auto cut off, APFC
PHOTOMETRIC	LED	Nichia/Osram/Cree/Philips or equivalent
SPECIFICATION	CRI	>70
	Colour Temperature in Kelvin	3000K, 4000K, 5700K, 6500K
	Beam Pattern	IESNA Type 1, Type II, Type III, Type IV
	Luminous Efficacy	110 lm/W
	Lumen Output (Initial delivered lumens)	>15400
	Approx Life Span of LED (L70)	>60,000 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

\*\* Estimated lifetime of LED under standard conditions.
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# NE-STL 190W







ELECTRICAL SPECIFICATION	System Wattage Including Driver Losses (W)	190+/-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, Imax-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	IESNA Type 1, Type II, Type III, Type IV
	Luminous Efficacy	110 lm/W
	Lumen Output (Initial delivered lumens)	>20900
	Approx Life Span of LED (L70)	>60,000 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







\*\* Estimated lifetime of LED under standard conditions.

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# OTHER PRODUCTS

#### **Specialized Lighting**

Neev offers Canopy and Area lighting for specialized spaces. The lighting solutions are identified and highly customised based on understanding the area specifications, environment conditions and illumination requirements. The solutions thus vary in design, fabrication, and type based on particular applications in specific locations, such as the products required for petroleum retail outlets.

#### **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.



#### **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.





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